

# Asset rich radio station courts wider audience

Christchurch  
Correspondent

PRIVATE station Radio Otago is playing a more confident sound now that the dollars are jingling into revenue flow and is eyeing a wider listening audience.

Gone, it seems, are the rough notes of 1974 and 1975, when the fledgling station ran into the red with losses of \$17,000 and \$29,000 respectively.

Past losses were absorbed by 1977 — and with their passing went the low taxation status of 4XO.

Indeed, tax became a major item this year, curbing the company from really hitting a higher note than this year's 38.4 per cent profit surge.

Radio Otago totted up a tidy tax-paid profit of \$69,601 — still hardly spectacular, as company profits go, but satisfactory for a small radio station.

It compared with \$50,091 in 1977 — the latest result applying to the November 1978 year is rather slow in reaching annual report stage — and a



THE MEDIA

year ago the tax payment was a nominal \$2550.

This year, without those earlier losses coming into account, the result was trimmed by tax of \$31,256.

Revenue last year was \$487,566; in the latest period, that leapt to \$819,175. Unfortunately, expenses also took off at \$550,000 (\$380,000).

Shareholders won't be quibbling. They're going to get a total payout of 20 per cent, which is double what they got the year before when dividends were restored after

all that red ink was mopped up.

Advertising revenue is the major source of income for a radio station and Radio Otago's increased 26 per cent. Clearly that doesn't account for the rather dramatic revenue increase.

Chairman John Farry explains: "The gross revenue of the company increased dramatically as a result of the acquisition of two suburban cinemas and also the publication of 10 issues of a free suburban newspaper in the latter part of 1978."

Otago's step into the celluloid world was an enterprising step. Fifteen months ago it decided to take over the leasehold interests on a theatre in Green Island and another in Mosgiel.

The plunge has paid off, because the cinemas are reported to be making a significant contribution to company profits with excellent future prospects.

The step into print media is more recent. Radio O had been agonising about publication of

a "free suburban newspaper" for months when it acted on October 18, 1978.

Between then and December 20 it achieved saturation coverage of Dunedin, Port Chalmers and Mosgiel with its free edition of the "Dunedin and Districts Mirror" backed by business house advertisers.

The 10 issues turned out to be profitable and the chances of a permanent publication of the "Mirror" are being reviewed.

Against such a step presumably must be weighed the possibility that the regular foray of a radio station into print media may reinforce the call by newspaper interests for the right to greater ownership opportunities in the protected private radio industry.

It is a move being made by Auckland's new private station, Radio Pacific.

Farry has given shareholders some sort of assurance that the principal source of company profit will always flow from broadcasting and it appears that Otago isn't being

backward there either.

Radio 4XO has lodged an application (for hearing this month) with the Broadcasting Tribunal to start "Central Radio".

If successful with the application, 4XO would extend its signal to Central Otago, locating studio premises in Alexandra and for a minimum 6½ hours a day that township. Cromwell, Queenstown and Wanaka would get their own "locally orientated radio programme."

Having last year rejected the plea of Christchurch's flourishing Radio Avon for the right to send their signal further south, the Tribunal's decision will be awaited with interest.

If Radio Otago gets the go-ahead, the cost of establishing transmitting facilities will be about \$165,000.

Further north, Radio Avon has been producing mixed signals for its shareholders. It has been difficult for the company to explain a seemingly constant list of staff departures, though most were "normal" attrition. And ratings of the high-flying station have fallen under belated rivalry from an opposition state network which could not have deteriorated further.

The company is in the middle of a complex reconstruction that may be simplicity itself to those involved in the legal footwork but baffling to shareholders.

An extraordinary general meeting last December proposed to make a capital repayment of 25 cents in three

stages, beginning in June and ending with a final payment in June 1980.

After some last-minute consultation of the niceties, Avon simply matters by announcing the entire 25c capital repayment will be made in sum, still subject to approval of the Supreme Court.

Immediately following repayment — which requires the scribbling out of a bigish number of cheques totalling \$127,400 — Avon's loss in a one for one issue of one 25c share for 25c share then held.

No after Avon has spent reconstruction, shareholders will finish up with 10 shares for each 50c share held, plus 25c in cash.

Avon certainly has a powerful cash position: out such a manoeuvre its current assets far exceed liabilities. Net profit was 10 per cent to a record 13.2 per cent on 31 year ended March 31 year and sales rate on capital was an impressive 118 per cent — a danger of liquidity was threatened.

For shareholders, the ratings on the market to be avoided.

And it seems that programme director's aiming at relieving other ratings as well as possible. In that case may be some real edge to meet this winter.

Commercial and Leisure  
Selling — Leasing  
Phone 720-209 Waiapu  
harcourts

Commercial and Leisure  
Selling — Leasing  
Phone 720-209 Waiapu  
harcourts

Commercial and Leisure  
Selling — Leasing  
Phone 720-209 Waiapu  
harcourts

Commercial and Leisure  
Selling — Leasing  
Phone 720-209 Waiapu  
harcourts

Commercial and Leisure  
Selling — Leasing  
Phone 720-209 Waiapu  
harcourts

Commercial and Leisure  
Selling — Leasing  
Phone 720-209 Waiapu  
harcourts

Commercial and Leisure  
Selling — Leasing  
Phone 720-209 Waiapu  
harcourts

Commercial and Leisure  
Selling — Leasing  
Phone 720-209 Waiapu  
harcourts

Commercial and Leisure  
Selling — Leasing  
Phone 720-209 Waiapu  
harcourts

Commercial and Leisure  
Selling — Leasing  
Phone 720-209 Waiapu  
harcourts

Commercial and Leisure  
Selling — Leasing  
Phone 720-209 Waiapu  
harcourts

Commercial and Leisure  
Selling — Leasing  
Phone 720-209 Waiapu  
harcourts

Commercial and Leisure  
Selling — Leasing  
Phone 720-209 Waiapu  
harcourts

Commercial and Leisure  
Selling — Leasing  
Phone 720-209 Waiapu  
harcourts

Commercial and Leisure  
Selling — Leasing  
Phone 720-209 Waiapu  
harcourts

Commercial and Leisure  
Selling — Leasing  
Phone 720-209 Waiapu  
harcourts

Commercial and Leisure  
Selling — Leasing  
Phone 720-209 Waiapu  
harcourts

Commercial and Leisure  
Selling — Leasing  
Phone 720-209 Waiapu  
harcourts

Commercial and Leisure  
Selling — Leasing  
Phone 720-209 Waiapu  
harcourts

Commercial and Leisure  
Selling — Leasing  
Phone 720-209 Waiapu  
harcourts

Commercial and Leisure  
Selling — Leasing  
Phone 720-209 Waiapu  
harcourts

Commercial and Leisure  
Selling — Leasing  
Phone 720-209 Waiapu  
harcourts

Commercial and Leisure  
Selling — Leasing  
Phone 720-209 Waiapu  
harcourts

Commercial and Leisure  
Selling — Leasing  
Phone 720-209 Waiapu  
harcourts

Commercial and Leisure  
Selling — Leasing  
Phone 720-209 Waiapu  
harcourts

Commercial and Leisure  
Selling — Leasing  
Phone 720-209 Waiapu  
harcourts

Commercial and Leisure  
Selling — Leasing  
Phone 720-209 Waiapu  
harcourts

Commercial and Leisure  
Selling — Leasing  
Phone 720-209 Waiapu  
harcourts

Commercial and Leisure  
Selling — Leasing  
Phone 720-209 Waiapu  
harcourts

Commercial and Leisure  
Selling — Leasing  
Phone 720-209 Waiapu  
harcourts

Commercial and Leisure  
Selling — Leasing  
Phone 720-209 Waiapu  
harcourts

## Judge quits Brierley job and invests in timber company

EXECUTIVE director of Brierley Investments Limited, Bruce Judge, has resigned his position.

Judge has confirmed that he will no longer be employed by the investment group, though he will remain on the boards of both Brierleys and City Realities.

The decision by Judge, — the key man in Brierley's hectic takeover activities in recent years — is expected to come as a surprise at both Stock Exchange and boardroom levels.

Judge will take up a position as managing director of the Christchurch-based H W Smith Limited. He will be taking up a financial interest in the company which is a major South Island timber merchant and joinery manufacturer.

According to Judge, the company "will not take an aggressive role in takeover activity. Rather, we will act with other companies in planning and implementing takeovers and restructuring work."

With a base capital of \$2 million cash, it would appear that H W Smith is well suited to joint venture activity.

Probably no other New Zealand businessman has Judge's background in this very lucrative field. With Ron Brierley resident in Australia, it was Judge who has been involved in the recent takeover activities of Aulsebrook's, Remphreys, Prosser, Beath and Company, Furnware Industries and Asparagus Ltd.

In addition it is generally acknowledged that it was astute behind-the-scenes manoeuvring by Judge which prevented the takeover of the



BRUCE JUDGE  
consultant



CYRIL SMITH... \$2 million.

Gear Meat Company by British meat giant, Thomas Northwick and Sons.

Now Judge plans to put this expertise to use with H W Smith Limited.

It says there is a real demand for advice from both companies eager to embark on takeover activity, and companies equally eager to repel such advances.

The depressed state of the New Zealand economy is ideally tailored to such activity, Judge maintains.

"There is a lot of unused capacity in New Zealand industry — capacity which must be utilised if companies are to operate at an acceptable level of efficiency," he said.

"We have a small market, and to supply that market there is an incredible duplication of facilities. These facilities are invariably expensive and under-utilised."

"Overseas manufacturers can compete successfully with New Zealand products because plant is used on a 24 hour cycle, rather than a 35 to 40 hour week."

"In simple terms, we have to fully utilise this surplus capacity in New Zealand rather than continue to spend millions of dollars overseas to bring in new plant."

This philosophy was mirrored in the "rationalisation" carried out by Judge as chairman of confectionery giant, A B Consolidated.

It was largely Judge-initiated policies that led to Aulsebrook's currently operating as an efficient unit of the A S Paterson Group.

Judge is emphatic that the "entrepreneurial role" adopted by Brierleys should not be branded as that of a "corporate raider."

"In the past — and indeed this will continue — my emphasis has been on implementing efficiencies in companies which are the subject of takeover activity."

For example, largely as a result of our move into

Aulsebrook's shares, the company now has a larger market share in its principal product, biscuits, than ever. And that share is increasing."

Judge says he has the staff to continue this successful activity.

Joining him at H W Smiths will be Brierley's principal investigating accountant, Paul Collins, and Brierley's South Island manager, Graham McKenzie.

Cyril Smith, the principal shareholder in H W Smiths, will be chairman of the restructured company.

Despite Judge's move, it is unlikely that Ron Brierley will become increasingly involved

in his company's New Zealand activity.

His time is more profitably spent in Australia, Hong Kong and Europe where he is involved in a number of ventures.

But NBR understands that Brierley Investments is completing a successful year's trading in New Zealand.

With Judge continuing his association both as a director and in a consulting capacity, the current high level of activity is expected to continue.

In the meantime, with another takeover "specialist" on the New Zealand commercial scene, boardroom life will have a little extra spice.

### Inside:

VALUES, the nice party, has had a bout of the nasties and dumped its leader. Colin James reports — Page 2.

AIR New Zealand is plummeting into the red and into the ranks of the Government-subsidised. John Draper suggests Jumbo Jets could pull the company out of its nosedive — Page 14.

TELEVISION advertisers are in a state of revolt following the restructuring decision that will give SPTV all regional ads. — Page 17.

MORE stringent import controls and higher tariffs on imported wines may return us to the days when unscrupulous winemakers made wine out of grape skins, sugar, acids and water... Frank Thorpy reports — Pages 18-19.

PETER Isaac looks at the plastics industry — at its supply problems and recent developments — Pages 21-22.

## "Last year we exported almost \$400m worth of manufactured goods to Australia."

### ...and you're only yours?"



Ray Barrett for Union Company.

If you're a manufacturer you'd do well to take another look at Australia — our closest, and largest market for manufactured exports. Last year Union Company's new roll-on, roll-off vessels carried over 600,000 tonnes of New Zealand manufactured goods to Australia on its continuous trans-Tasman service. That's 80% of our total Australian exports. If you're a manufacturer, talk to Union Company about exporting to Australia.

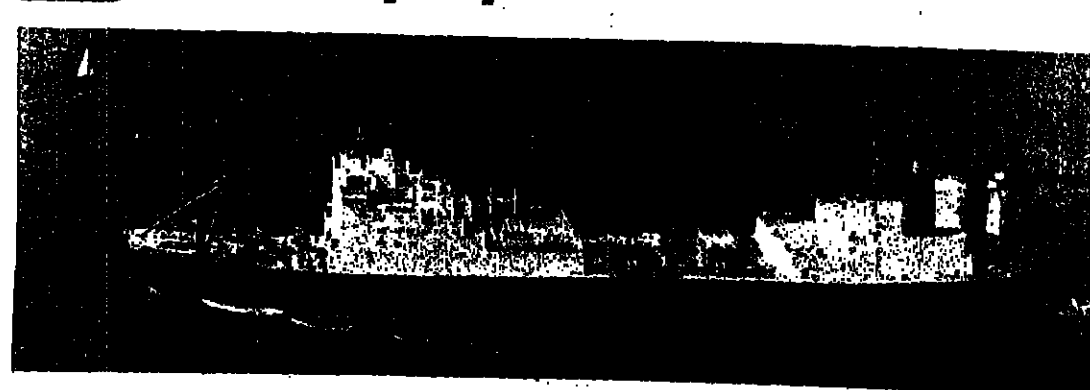


Each month 8 containers of 'Allenson Industries' new wooden doors leave Otaki for Australia. This year, this enterprising New Zealand firm celebrated 21 years of exporting with Union Company.

"They've always given us superb service" said Allenson Industries' Marketing Manager John Allen.

Within seven days of leaving the factory, Allenson wooden doors are on Australian building sites. "As a small exporting company we rely on Union Company" said John Allen. "We certainly haven't been let down."

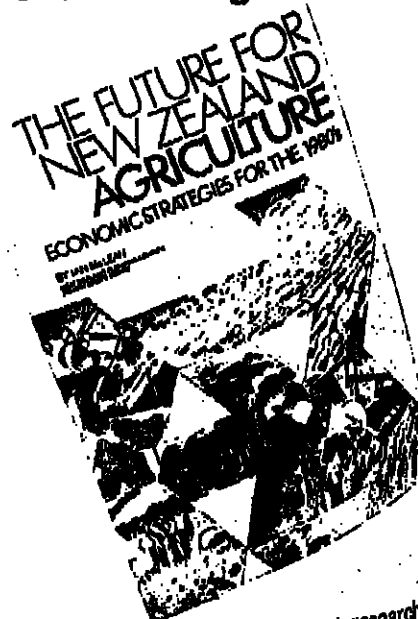
Union company



every day one of our ships is in one of your markets.

Talk export with Union Company.  
New Zealand Branches: Auckland 774-730, Tauranga 53-199, Wellington 729-699,  
Nelson 81-459, Lyttelton 7149, Dunedin 77-201.

At last.  
Clear concise ideas about the future of N.Z. agriculture.



"... one of the most important research papers ever released on New Zealand agriculture," that's how Harry Broad, editor of Straight Furrow describes The Future for New Zealand Agriculture.

In this significant new publication, Ian McLean, farmer and agricultural economist, explains why production rather than market problems inhibit agricultural exports. He probes the pros and cons of five alternative policy strategies to combat New Zealand's complex, persistent agricultural problems. McLean concludes that the weight of evidence supports one particular strategy...

The Future for New Zealand Agriculture is published by Fourth Estate Books on behalf of the N.Z. Planning Council.

Only \$4.50 at all good bookshops, or direct from Fourth Estate Books, P O Box 934, Wellington. (See Fourth Estate Subscription Service coupon elsewhere in this issue.)

## Throne spares businesses

by Colin James

EMPLOYERS will have to give jobs for employees who are laid off, under legislation promised in the Speech from the Throne last week.

The Maternity Leave and Employment Protection Bill will provide for six months paid maternity leave, with employment protection during the leave.

Mr. McLean said the Speech from the Throne, was aimed at ensuring equality of opportunity in employment. In principle, it has been intended for some time by the Government.

Otherwise, the Government's legislative programme as outlined in the Speech, is — perhaps — a little light on proposals for businesses.

Such as there is, reflects a more energetic approach by the new Minister of Justice, Jim McLay.

For instance, a Credit Contracts Bill is promised, based on the report in 1977 of the contracts and commercial law reform committee.

Legislation was promised last year but did not surface. The report dealt primarily with "harsh and unconscionable" contracts and proposed that courts should have the power to order the rescission of such contracts and grant remedies.

The continuing programme of company law reform will, according to the Speech from the Throne, take another step with the overhaul of the insolvency provisions of the Companies Act.

These may not be however

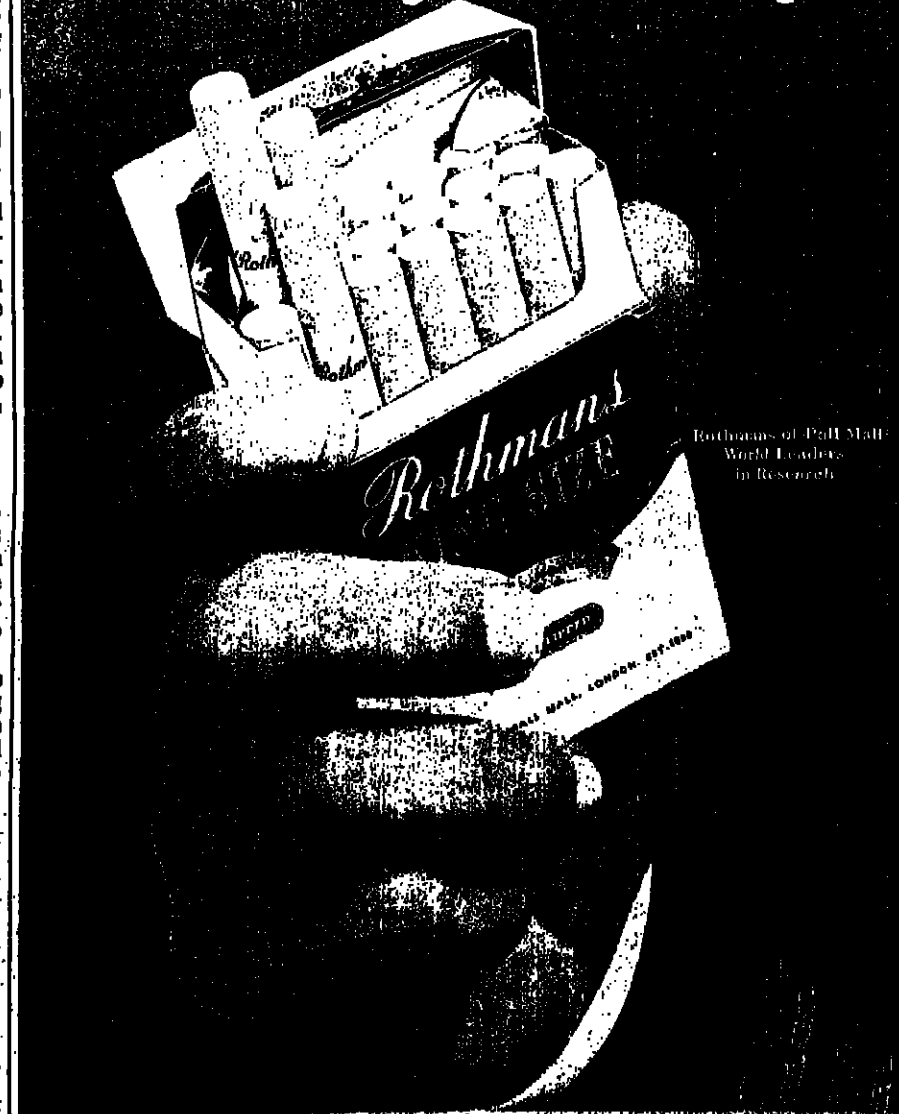
major changes. The 1973 Macarthur committee, on which the changes are to be based, did not consider major changes were necessary to that section of the act.

Most of the rest of the legislation is consolidating existing legislation. One promised is a Factories and Commercial Premises Bill to amalgamate the Factories and Shops and Offices Acts.

The Speech from the Throne obliquely acknowledged the problems posed for the Government by its mounting internal deficit — problems which forced Prime Minister Robert Muldoon last week to impose sales taxes within weeks of the impending Budget.

Editorial, page 4

## The best tobacco money can buy



Rothmans of Bull Malt World Leaders in Research

New Zealand's national weekly of business & affairs



Registered at Post Office  
Headquarters as a newspaper

Incorporating Admark







## EDITORIAL

AS circumstances change, an earnest Prime Minister told businessmen earlier this month, the economic situation "clearly will require some very rapid footwork..." Rob Muldoon was trying to explain why he didn't have an economic plan. But more than anything, he was admitting that he has been leading the country a merry dance — and last week, when he suddenly walked in with a package of petrol price rises and sales taxes, his ability to manage our beleaguered economy became highly suspect.

Economically, perhaps, it was no big deal. New petrol prices had been expected for some months and a sales tax on domestic goods was consistent with steps being taken towards a system of indirect taxation. As a spin-off, it should divert manufactured goods to export markets.

The timing of the announcement — in the midst of a Labour Party conference, on the eve of a march on Parliament by workers already aggrieved at Government policies, and just before Parliament had been opened — is a different matter. The price rise for petrol could have been introduced weeks ago, to help effect the Government's campaign to constrain consumption. The sales taxes belong more appropriately, in this year's budget, just a few weeks away, with the other measures that give expression to the Government's economic programme for the next year.

Because the Government couldn't wait the few weeks till Budget night, the moves can only have been designed to be politically provocative — or else Muldoon is so desperate that he couldn't delay any longer a measure that will raise only some \$35 million revenue in the present year. And if things are desperate — well, we can complain we have been misled.

Last October 11, Muldoon assured us: "In the absence of a major catastrophe such as a further decline in our terms of trade brought about by the collapse of one or more of our markets, I can see the course of the New Zealand economy in the short to medium term, and it is a picture which should sustain the confidence of the business community."

Opening the election campaign, he made much of his benevolence in the tax area ("Government spending has been held back so that we have been able this year to give the taxpayers the greatest tax cuts in any budget in New Zealand's history and as unemployment diminishes, so the high cost of paying people in special work and on the unemployment benefit will further diminish and the Government deficit with it...")

In January, he sold the impact of an increased Government deficit would fall heavily during the first half of the coming financial year, but he saw no need for the Government to alter its short-term policies.

It was only three weeks ago we learned it was not possible to set out even a short, let alone a medium term, plan in detail "for the very simple reason that the basic assumptions are being changed, virtually from week to week, by events which are occurring in the international economy."

The Government then was engaged in a levelling out exercise. Because budgetary changes could not be made till the middle of the year, the continuing Government deficit was increasing the money supply "quite rapidly" and it was necessary to mop some of it up "by one or two rather spectacular operations". Thus was explained the series of shocks since February which resulted in the doubling 60 per cent hike in the bulk price of electricity, the reduction of talk subsidies, increases in a number of State charges, and the 13 per cent lure to divert money from the private to the public sector.

Muldoon believes his May 2 speech restored business confidence. Maybe so. But there is nothing to assure us there will be no more spectacular operations between now and Budget night, and so we cannot rule out the possibility of more economic packages. In the resultant economic climate of uncertainty that results from day-to-day tinkering business confidence must again tumble.

Bob Edlin

ADVERTISERS are being pushed into gambling on pig in a poke media buying by both TVI and SPTV.

Both channels intend charging premium rates for what they consider top programmes. These premium charges are being made in anticipation of high ratings. But advertisers are given no guarantee that these ratings will be achieved nor will there be a refund if the programme bombs out.

TVI is advertising fixed programme rates at a premium price of \$2000 for 30 seconds during its new Holocaust series.

The series is being sold to advertisers on the basis of ratings achieved in Australia assuming that New Zealand audiences will respond in the same way.

SPTV's new charge card includes six programme codes relating to expected ratings. The top coded programmes are charged at a premium fixed rate and sold on a buy-out basis.

This marks a new departure in TV's media selling. Formerly only proven high audience share winners such as live telecast sports events were charged premium rates in anticipation of high ratings.

LABOUR Party thinking is clearly not going to deter newly elected president Jim Anderton as he works to put the party on a sound financial footing for the next election and wipe off the debt from the last.

His first campaign was to win support for the idea of raising membership fees from \$1 to \$10 a year.

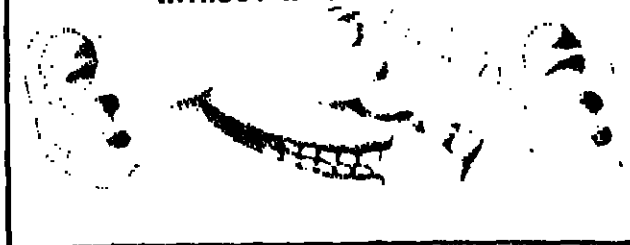
"If kids are happy to pay \$10 to see a David Bowie concert — which is something they value — why shouldn't people pay \$10 to join a major political party?"

An attempt to get his Auckland branch to lead the way before the conference by raising annual subscriptions to \$3 failed.

But Anderton was not deterred.

He put another motion to the assembled, 25 cents a week. And lo, it was passed.

## WITHOUT WORD OF A LIE



So branch members are now happily forking out \$13 a year to belong to the party.

Perhaps little and often is the Labour Party's answer to our problems.

THE rank and file took over with a vengeance at the Labour Party conference last week.

Not one of the party's members of Parliament was elected to a position on party committees or councils (although some were co-opted).

Last chance came for the MPs with the vote for the Maori Policy Council representative... and out went Brown Rewiti who had been a member for the last three years.

At one point, an angry Arthur Finkler spoke out for the MPs: "You either trust us or you don't..." That only invited the rejoinder: "We don't."

More sensitive to the mood of the conference was Bill Rowling, who at one stage insisted that MPs would be expected to accept discipline and direction in the next three years...

His words were greeted by a ripple of approval running through the conference, and some open clapping.

ROB Muldoon, Prime Minister and part-time journalist, had his journalistic colleagues scratching their heads and wondering after his latest media-bashing outburst in his weekly column in NZ Truth.

The New Zealand Herald joined the NBR, Christchurch Star, and Sunday News in the ranks of the PM's most hated newspapers. Their sin, ac-

cording to the PM, was leaking a Treasury discussion paper.

Trouble is, no one at the Herald can remember publishing any such Treasury paper.

The Auckland Star did run a story about a Treasury paper some weeks back, but not the Herald — at least, not that anyone can remember!

Could it be that Muldoon's oversight was insufficient to detect the Star's new typeface?

Of course Muldoon showed similar signs of shortsightedness when he thought he had the SUP's Bill Andersen singled out for badgering at an election campaign meeting, only to discover later that Andersen had spent the evening elsewhere.

We can only suspect that this problem with myopia goes a long way toward explaining the lack of vision being demonstrated in economic planning.

In case anyone had forgotten, the Treasury paper in question, probably was the economic briefing for an employment group.

NHR published an analysis of future unemployment almost identical to the Treasury paper on April 4, 1979. No top secret information was needed in the preparation of this analysis — if it came from publicly available data.

But maybe economic miracle workers operate better in the dark — unsplotted by glaring facts.

And now we are left wondering if Muldoon's cavalier regard to facts means he should stick to politics and

leave the journalistic profession to professionalists whether the person who has such a sound paper as the NBR is indeed better than newspapers — perhaps them on street corners.

THE suspense was low and the grins could be no more. And so the men's best-kept secret on which the cartoon scheme comes into the world was leaked out.

First, a secret was kept, and then application forms for carless day stickers were found by a jogger near Palmerston North.

The bundles of forms were the waste copies from the Government Printers' presses at Masterton and were en route to Kaverau for pulping.

ROGER Douglas, newly promoted to the Opposition front bench in the House, had a good week at the Labour Party conference last week. On stage he got a far better reception than his deputy leader, Bob Tizard, when the two made the keynote speeches on the economy. More than that, Tizard picked up a ball Douglas had set rolling single-handedly in February: an attack on the national superannuation scheme which was backed by the conference as a whole.

The question now arises whether Douglas will have similar success with another ball he set rolling at the conference when he said: "Direct taxation must be reduced and replaced by some form of indirect taxation of an expenditure or sales tax nature."

Before delegates holler the clichés of the past, that this will hurt the lower paid worker, he went on: "I suggest they analyse the changes that have taken place in incidence of direct taxation, or they do some simple arithmetic on who will pay the indirect tax — and who could receive the direct tax reduction."

Douglas's own arithmetic tells him that the present system favours the better off.

SURPRISED shareholders in tourist operator Trans Holdings are wondering how the directors with a few shares can stop a takeover bid.

The five directors, all founding members of the

Christchurch-based group, hold 1.47 per cent of ordinary shares.

And any takeover offer is conditional on the successful renegotiation of their service contracts with the bidder.

Carpet and cardboard box maker UEB Industries Ltd is bidding for the tourist company and its offer contains a clause noting that the takeover scheme is "conditional upon the renegotiation of these service contracts".

Trans Holdings managing director Donald Hurst says the clause is "a hedge against possible undesirable takeover offers. This is a desirable situation," he said.

The five directors, chairman Arthur Mundell, James Cronin, Donald Hurst, Keith Pillidge and Bruce Robertson will be re-employed by UEB which is now understood to have acceptances from 60 per cent of the shareholders.

UEB's offer is conditional on a minimum of 75 per cent of the shareholders accepting the offer before June 8.

Hurst denied that Trans Holdings had approached other possible partners including the Winstone Group before the UEB offer. "We did have discussions with Winstone at times on specific projects but not regarding a takeover," he said.

"CLOSER control and greater co-ordination by a single board will allow better management, particularly in financial, regulatory, administrative and staffing matters..."

Those are the words of one Hugh Templeton, who some of us might remember was once appointed Minister of Broadcasting.

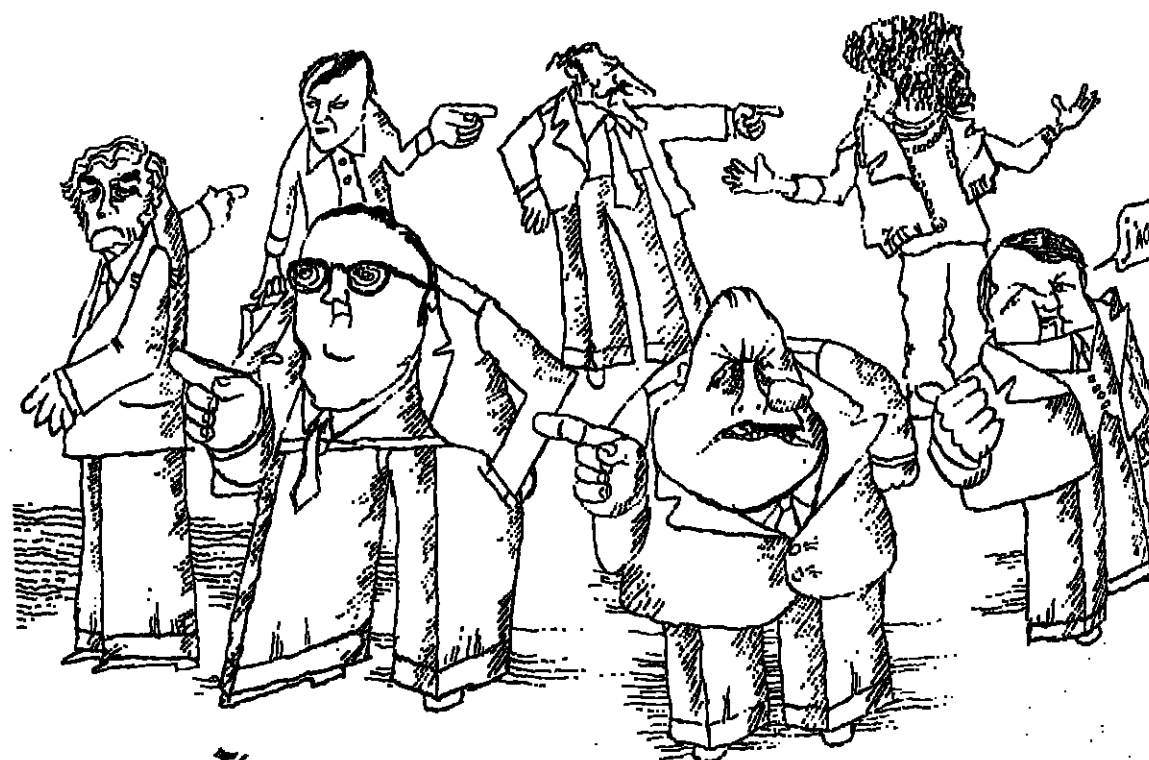
"It will also permit more effective planning of the future development of the broadcasting services in a period of rapid change," said Templeton.

He could not say definitely what savings would be made through the new integrated structure but he was sure there would be efficiencies...

He wasn't talking about the broadcasting reorganisation by his old mate Ian Cross. Those words were reported in the New Zealand Herald in June 1976 to explain the Government's intentions when it re-established the Broadcasting Corporation.

So if you've been ex-

## BROCKIE'S VIEW



The great HUNUA electoral cockup...

Editor: Bob Edlin. Editorial: Ralph Green (Production Editor), Rae Mazengarb, Colin James, Belinda Gillespie, John Draper.  
Advertising Manager: Paul A. C. S. Loh (P.O. Box 9344, Wellington) 735-076, 835-019.

Auckland office: Editorial, advertising and circulation enquiries: Warren Berryman. Telephones 638-888, 638-889. Published by Fourth Estate Newspapers Ltd, 15 Bridge St, Wellington. Printed by R. Lucas & Son (New Zealand) Ltd, 15 Bridge St, Nelson.

## FOURTH ESTATE SUBSCRIPTION SERVICE

To subscribe to or purchase any of the Newspapers, directories or books published by the Fourth Estate Group simply fill in and post the coupon below. Please make out cheques as indicated. If two different companies are indicated for multiple purchases, please make out cheque to Fourth Estate Group, P.O. Box 9344, Wellington.

(Please ✓ where appropriate)

- ☐ I/we enclose \$20.00 for one year's subscription to National Business Review.
- ☐ Please bill me/us.
- ☐ I/we enclose \$..... for .....copy/copies of The Future of New Zealand Agriculture (\$4.50 per copy).
- ☐ I/we enclose \$..... for .....copy/copies of Participation & Change in the New Zealand Workplace. (\$4.00 per copy)

Name.....  
Address.....  
Occupation.....  
Signature.....

THE PIPER CHEYENNES.  
EACH OFFERS AN OUTSTANDING  
COMBINATION OF SPEED, RANGE,  
PAYLOAD AND COMFORT.

More airplane for the dollar.  
Piper Aircraft Corporation, Lock Haven, Pa. 17745, U.S.A.

INTERNATIONAL DISTRIBUTOR: AIRWORK (N.Z.) LIMITED

Distributed in New Zealand, Kingdom of Tonga, Western and American Samoa, Fiji and Cook Islands, Solomon Islands, by AIRWORK (NZ) Limited, International Airport, Christchurch, New Zealand.

# The Hotel St George • Wellington



Rhonda Goodwin, receptionist.

## "Nice to see you again Mr Jones"

When you've stayed with us once or twice, we'll be surprised if our receptionist doesn't recognise you next time you check in. It's just part of the warm, friendly service you can expect as a valued guest. Because at the St. George, you're much more than a room number.

## The Hotel St George

Corner of Willis & Boulcott Streets. Phone 739-139.

Welcome to the heart of Wellington



A Member of the South Pacific Hotels Group

80 22

Book through  
**INSTANT FREELINE**  
Telephone: Auckland 794-660, Wellington 728-169, Christchurch 792-611. Or your Travel Agent.

by Warren Berryman

IRAN — oil rich, with a population of some 35 million, presents an attractive market for the New Zealand exporter. The United States, a major source to Iran of technical services and imports in the past, is on the political outer. It is seen as the country that imposed the Shah's tyranny on the Iranian people in a CIA-led coup designed to secure for American oil companies their share of Iranian crude.

Tiny New Zealand, unblemished by past power politics, has a golden opportunity to fill a small part of that gap left by the United States' hasty departure. To succeed, the New Zealand trader will, unless he is very lucky, have to shed his rigid ethnocentric attitudes to become something of an old

Asia hand.

Local knowledge will be even more important under the new regime than it was under the Shah. The Shah's Tehran was peopled with Westernised Iranian businessmen and bureaucrats. Provided the goods one wished to market were meant for this elite market only, and provided the exporter had patience and did not suffer from moral constipation and was willing to pay the necessary bribes, deals could be struck.

It is unlikely that the endemic corruption that plagues Iran will be wiped out with the revolution. It is likely, however, that the Westernised elite will lose their status and power — at least until they are needed to provide technical and administrative services to



OVERSEAS TRADE

the new regime.

But still under the Shah's "modern state" religion and local taboos had a way of creeping into business deals. Even the butter salesmen from the mighty EEC had marketing setbacks when trying to dump part of their butter mountain on the Iranian mass market.

The butter was packaged in two seer packs (an Iranian unit of weight) and sold at about half the price of Iranian butter. It sold in North Tehran to the Westernised elite. But the butter did not have the Mullah's blessing and the mass market were told the reason the butter was so cheap was that it was made from pig's milk — anathema to the Moslems.

Even Iranian businessmen can have religiously based marketing setbacks. Pepsi Cola is a big seller in Iran — but not as big a seller as it might have been had the owner of the bottling company been a Moslem and not a Bahai. There is a sector of the mass market who refuse to drink Pepsi thinking it niges (unclean) as a non-Moslem was involved.

While the Mullahs hold sway, religion, and a deep seated Iranian distrust of things foreign will be a key factor in the marketplace.

But the Mullahs have a wealthy country to run. And, in time they will undoubtedly have to turn to the less religious Westernised technocrats to handle the day to day administration.

There they have two choices, the Communist Tudeh Party, the National Front or its splinter groups.

The Communists with their anti-clerical stance are an

unlikely choice.

The National Front was founded by Western educated democrats who had a brief heyday during the Mosedeq regime. While Westernised, and sharing the liberal democratic ethos of the West, the National Front has every reason to distrust and despise the West — and in particular the United States.

When interviewed by Robert MacNeil, of the American Educational Broadcasting Corporation, last December, Ayatollah Khomeini said, "the American Government, they have committed the biggest crime by imposing on our people the Pahlavi dynasty. Through this support they have plundered our natural resources..."

That interview was in Ponchartrain, France. The Ayatollah is now in power.

Iranian attitudes toward the West, and the hatred behind the recent wave of political executions, was moulded in the torture chambers run by Iran's secret police, SAVAK.

It all began back in 1951 when Iran's Prime Minister, Mohammad Mosedeq came to power, threw out the Shah and established Iran's first democratic state.

Mosedeq also nationalised Iran's oil which was then owned by the Anglo Iranian Oil Company (now called British Petroleum). This move put Mosedeq at odds with the worldwide brotherhood of oil which placed an embargo on Iran oil.

The USA had been eyeing the British oil monopoly in Iran with envy since World War I. The oil embargo, plus internal political pressure from the Tudeh party weakened Mosedeq's Government and the US had its chance.

A foreign aid programme provided the tool. Sold to the American public as technical aid to help the Iranians help themselves, the aid scheme had been used instead to set up an American, Norman Schwartzkopf, as head of the Iranian police and supply him with small arms. Military aid placed American officers in the Iranian army.

All that was needed was a catalyst and a few million in bribes to overthrow Mosedeq, set up the Shah as an American puppet, and hand some of Iran's oil to American oil companies.

The catalyst was CIA operative Kermit Roosevelt.

Roosevelt's operative bribed army officers and even made the anti Mosedeq move appear a popular revolution by buying hired thugs in South Tehran at 75 cents a head to riot in front of Mosedeq's residence.

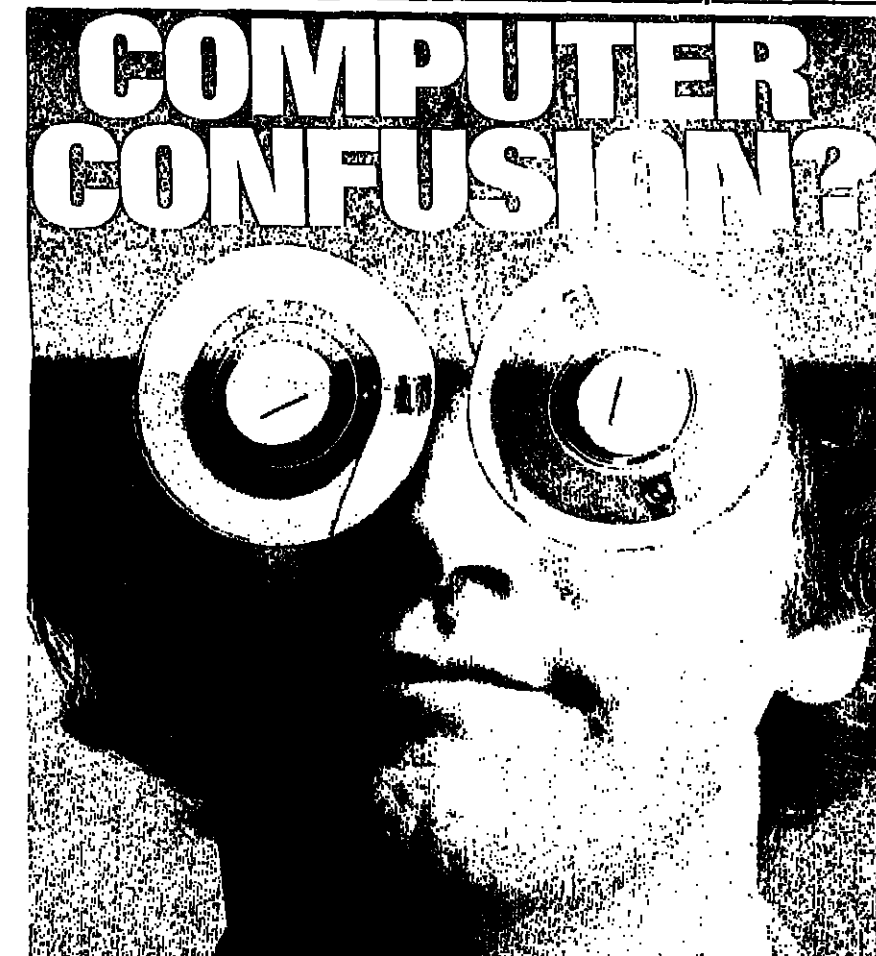
The CIA installed General Zahedi as premier until the Shah returned. American oil companies got their share of BP's holdings. And Kermit Roosevelt, the CIA operative, after a seemingly lapse in time, went on to become vice president of Gulf Oil.

The brief period of democracy under Mosedeq brought all the Shah's opponents out into the open. The Shah's return brought a bloodbath, political imprisonment and torture. The CIA lent a hand. And American foreign aid was used to pay off the Iranian army, gendarmes and police who betrayed Mosedeq.

The Shah's tyranny lasted these last 25 years until the Ayatollah's revolution.

Iranian memories are likely to be long. As the Iranians say, "the winter is past, only the black face remains on the charcoal seller".

Future traders from the West will have to live down the legacy of the black face.



We'll give you an Olivetti Computer System tailored to your requirements... now and for the future! At a realistic price!

Move your office into the computer age and save both time and money. The range of realistically priced Olivetti computer systems are all self-contained, desk-sized and easy to run. Look at these features:  
Low cost:  
Service contract included, costs work out from under \$65 a week.  
Software Programme Library:

Olivetti's vast range of systems means that there is already one to suit you and that it is already proven in actual operation. Easy to use:  
We'll train your staff and give full back-up service if required.  
No obligation enquiries:  
Just send us the attached coupon and we'll arrange for you to get more information.

Branches throughout New Zealand.  
**ARMSTRONG & SPRINGHALL LTD**  
To: Brian Hughes, Armstrong & Springhall Ltd, Private Bag, Wellington.

Please ring me to make a time to come see me about an Olivetti Computer system tailored to meet my needs.

NAME.....  
COMPANY..... PHONE.....  
POSITION.....  
ADDRESS.....

## the Partitioning System.....

## See us for a wider choice of Partitioning Systems

for further information contact:-

**Zip Commercial Interiors**

A DIVISION OF ZIP HOLDINGS LTD.  
27 Sade St. 414 Te Pahi Rd. 77 Thompson Quay  
P.O. Box 199 P.O. Box 10-261 P.O. Box 546  
Auckland Hamilton Wellington  
Tel: 769-104 Tel: 483-919 Tel: 725-771

199 Anika St. 202 Kaitake Valley Rd.  
Christchurch Dunedin  
Tel: 85-837 Tel: 54-166



# NBR BUSINESS WEEK

## Securities Commission power held to reviewing

by Peter V O'Brien

THE trumpeting press statements and speeches are over — now the Securities Commission gets down to work. The tangible evidence of its powers will not be seen for some time, unless the commission decides it has to intervene in some marketplace development which calls for action.

At the commission's inaugural meeting last week, Justice Minister Jim McLay said the first area of attention was framing recommendations for regulations under five broad headings: contents

of prospectuses; permitted style of advertising; contents of an optional standardised trust deed; contents of deeds of participation required for less usual types of securities; and regulation of contributory mortgage schemes.

McLay said this required time, and that regulations would be unlikely before next year.

But commission chairman Colin Patterson said that he and his colleagues would, if necessary, be prepared to intervene if undesirable practices relating to trading in securities came to their attention.

The commission's powers to do this may be constrained until Parts II and III of the Securities Act come into force. Those parts of the Act relate to "Restrictions on Offer and Allotment of Securities to the Public" (Part II) and "Amendments to Other Acts" (Part III).

The former will need the formulation of regulations before the various powers contained in the part can be implemented (including liability on issuers and their possible offences), while the latter cannot be brought into force until regulations are made, because changes to

other acts now would leave a wide field of activity uncontrolled in the interim period.

The commission's powers to intervene before Parts II and III come into operation appear to be restricted to section 10 of the Act. That section describes the functions of the commission.

"The functions of the commission shall be: To perform the functions and duties conferred or imposed on it by or under this Act or any other enactment; and

To keep under review the law relating to bodies

corporate, securities, and unincorporated issuers of securities, and to recommend to the Minister any changes thereto that it considers necessary; and

To keep under review practices relating to securities, and to comment thereon to any appropriate body; and

To promote public understanding of the law and practice relating to securities."

Apart from recommending a change to the law, as opposed to the commission's sole powers to intervene in a particular situation before Parts II and III are implemented are confined to (c) of section 10.

Section 17 of the Act says that the commission shall have, without limiting any other provision of any act, "all such powers as are reasonably necessary or expedient to enable it to carry out its functions or duties. That section does not appear to cover cases where activities in securities are currently controlled (or not controlled) depending on one's viewpoint under other acts or regulations."

And references in Part I to hearings and similar matters relate to sections of the Act which are in Parts II and III, so they do not apply to these cases. It seems therefore that, until those parts are brought into force, the commission is limited to keeping under review "practices relating to securities and to comment thereon to any appropriate body."

A body with the commission's status could expect its "comments" to be listened to carefully and acted on, but when substantial sums of money are involved we may have a situation for 12 months where those "commented" to, could decide the amounts involved are most important

than being persuaded to put up their practices.

A year is not long in terms of getting sensible appropriate change to securities industry, but it may take time before the law is changed, as opposed to the effective treatment.

Patterson said last week that the commission would be looking into, among other things, the question of disclosure of interest by persons who wrote about, commented on, or recommended securities. Some people in the commenting field can, and influence the market prices of securities, particularly in the sharemarket. The public should be able to know whether there are associations with those securities.

Patterson made the point last week that the Australian mining boom saw cases where "tip sheets" were being pushed pushing specific shares. The income received from the sheets, or from commissions arising out of handling shares recommended, was used to the substantial trading profit the writers obtained by trading in stocks they were recommending. They too indirectly, rigged the market.

There is not intrinsically wrong with a person making a public recommendation of a company in which he owns shares, because there is merit in the concept of "putting your money where your mouth is". Disclosure of interest may help the public know whether the commentators are merely theorising, or examining the virtues of an investment in which they were prepared to take the ultimate step of fronting up with cash. Knowledge of the latter even reinforces the recommendation, at least such time as the commentator investor was shown to be a regular loser.

## Analysing annual accounts

by Peter V O'Brien

THE New Zealand Refining Co Ltd, in its curious position of failing to earn sufficient profit to cover its dividend payment. The annual report for the year ended December 31, 1978 shows that the company's net profit was \$1,782,000 while the dividend required \$1,800,000.

But the shareholders are unlikely to view the result as a "disaster". The dividend payout has been effectively increased 1 per cent over the previous year. NZ Refining had a one for one bonus issue last year. The dividend rate is now 7.5 per cent but the rate on the pre-bonus capital was 14 per cent. On that basis this year's dividend is 15 per cent.

The company is concerned at the erosion of profit in recent years, particularly when inflation is taken into account. The return on average shareholders' funds is down to 2.5 per cent, taking account of a 1977 revaluation of fixed assets. The figure would be even lower if the proposals of the Richardson Committee on Inflation accounting had been implemented.

The balance sheet is unusual

for a public company in that the relationship between shareholders' funds and total assets (the proprietorship ratio) stands at 94.1 per cent. The only entries on the liabilities side are current liabilities of \$3,056,000, term liabilities worth \$936,000 (mainly a mortgage from the Department of Lands and Survey of \$894,000) and deferred taxation of \$289,000.

Last year's capital reorganisation, plus the proprietorship ratio, will serve as a useful financial base for handling the \$375 million expansion proposed for Marsden Point. The company said very little in the report about the expansion, although it may provide more information at the annual meeting next Monday. The expansion is covered in the following brief passages.

"Since the company's letter to shareholders in February, 1978, discussions and negotiations with Government officials have continued. The company's bankers, the National Bank of New Zealand, in association with the Bank of New Zealand, have also been involved in the financial discussions, which

have now been satisfactorily concluded.

"The company's technical advisers have now updated the feasibility study which was submitted to Government in 1976 and have also prepared an additional study on the use of methanol in gasoline blending. These latest studies have been submitted to the Government" — end of story.

A company which proposes a development costing five times its present total assets could be more forthcoming about its proposals when financial discussions have been concluded. The Government is involved in the feasibility study, so some parts of the scheme may have to be kept confidential until officialdom gives its final seal.

But it should be possible by now to disclose further details on the financial aspects of the scheme, even in a broad outline which would not affect any "delicate" dealings with the overseas financiers who will be providing most of the finance.

Apart from its strong

proprietorship ratio, N Z Refining must also be one of the most liquid companies in the country. The balance sheet shows a surplus of \$18.6 million in net current assets, after deducting current liabilities of \$3 million from \$21.7 million worth of current assets.

The latter comprise \$1,395,000 in materials stocks, \$5,730,000 for debtors — "processing fees", \$3,832,000 as debtors "other", and \$10,786,000 in cash and short-term deposits. There is no bank overdraft, only \$850,000 owing to creditors, \$1,000,000 as a provision for the refinery's biennial overhaul, and the rest of current liabilities comprises the normal provisions for taxation and dividend.

In theoretical terms the company would be a good takeover prospect, although there is little one can do with a refinery other than refine oil into the various products listed in the report. There is a net asset backing of \$2.97 (the share price last week was 88 cents), and all that lovely cash

would be available to reduce the purchase price. But that is a practical proposition.

The five week shutdown of the refinery for overhaul was the main reason for the profit decline in the 1978 year, when earnings were \$1,782,000 compared with \$1,900,000 in 1977. The crude and feedstock intake was 3,279,000 tonnes, averaging 63,057 tonnes a week on the basis of a 52 week year. Last year the intake fell to 2,854,000 tonnes, which was an average of 62,850 tonnes for a 47 week year. The two average figures are so similar that (obviously) the shutdown affected production, which in turn reduced profitability, in spite of an increase in processing fees from 77 cents a barrel to 81.46 cents a barrel

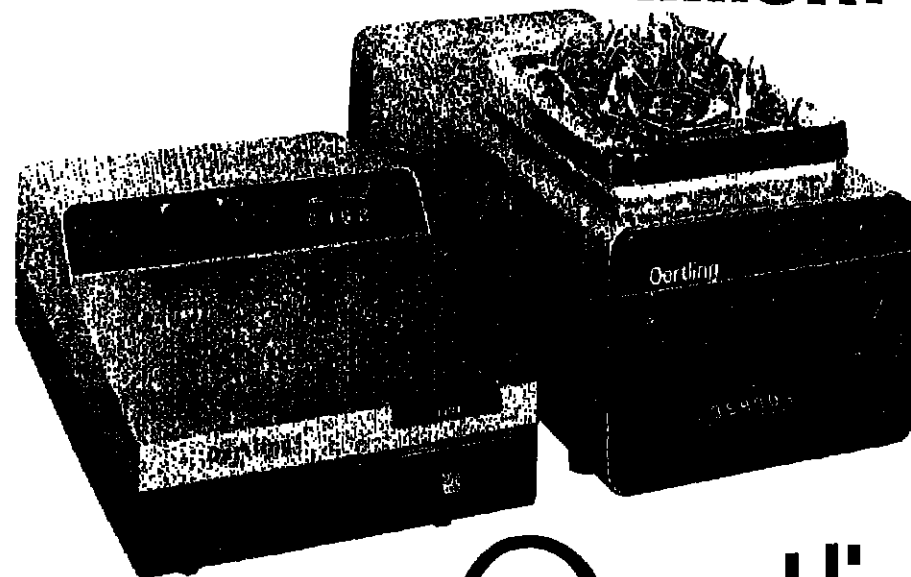
"when it was apparent that throughput was likely to fall below the estimated level".

An increase of 10.66 per cent in operating costs eroded the net amount available from processing, but that increase (mainly "the cost of imported process materials and wages

and salaries") was low by the standards of most public companies. Overhaul expenses cost \$447,000 in 1978 (nil in the previous year), while a deduction of \$1 million was made for "overhaul provision", compared with \$750,000 in the previous year. If the amount of \$887,000 was added back to profit the result would have been a reasonable improvement on 1977. The company makes provision each year for the overhaul, but the actual cost last year was higher than the amounts provided, resulting in a decision to lift the annual deduction from \$750,000 to \$1 million.

Costs will rise again this year, and at a faster rate than in previous years. An additional \$180,000 will be needed to cover higher electricity charges, extraordinary maintenance will cost \$300,000 and replacement of plant in February has already cost \$280,000. Those items alone account for 7.6 per cent of 1978's total operating costs.

Speed that counts . . .  
and Oertling sensitivity  
exceeds a million!



# Oertling

Precision and durability are prime requirements of every Avery weighing machine which also has the backing of the Avery service organisation, eliminating maintenance worries. As an Avery owner you are entitled to all the expertise that Avery — and only Avery — can provide in full measure.



Counting is costly. It takes time, is open to human error and 'give-away' profits by bored operators. Try counting a million pins, or pills, or any small fiddly thing!

Avery ended all that with the introduction of the Oertling micro-processor counting/weighing system. The Oertling PO2 will count any number of small items at astonishing speed and with great accuracy. It can be set to have a sensitivity better than one part in a million, is simple to use and designed to connect to any Oertling "G.C." balance.

Nothing counts faster and truer than the versatile Oertling PO2, used world-wide for checking the validity of incoming goods, for counting out-going parts from the store and for weighing and counting directly into packages, when the package or container may be tared off.

Seeing is believing. Call your nearest Avery branch (in Yellow Pages) for a demonstration, or mail the coupon below.

## AVERY

AVERY NEW ZEALAND LIMITED  
A member of the Avery International Group of Companies

Avery New Zealand Limited,  
P.O. Box 27042,  
Wellington.

Please provide full information on Avery Oertling PO2 to:

NAME: .....

ADDRESS: .....

## 1979 Atlantic Export Marketing Awards.

If you contribute to New Zealand's export drive you qualify for entry. \$8,000 in prize money. Entries close June 30, 1979.

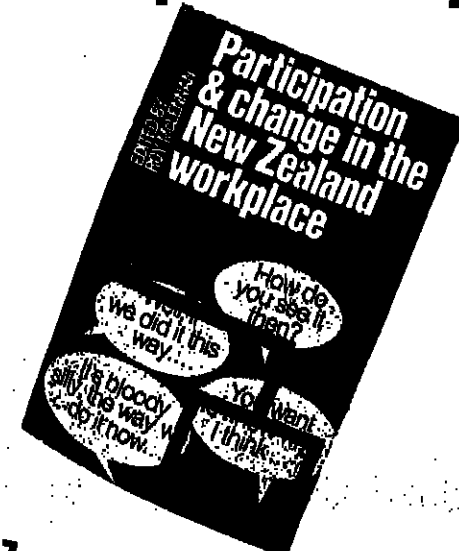
Full details and applications forms from:  
The Director  
"Atlantic Export Marketing Awards"  
Export Institute of New Zealand Inc.  
P.O. Box 17420, AUCKLAND 5.  
Ph. 540-188.

or  
Atlantic Union Oil Company (NZ) Ltd.  
P.O. Box 2592  
WELLINGTON.  
Telephone: 724-990



Enter Now — \$8,000 to be won.

## Participation . . . key to greater productivity



## N.Z. case-studies in Important, new management methods

"It is imperative that we re-orient our work organizations to the radically changed circumstances we face as a country."

So says Roy McLennan, senior lecturer in Business Administration at Victoria University, and editor of *Participation & Change in the New Zealand Workplace*. This important new book is intended to help New Zealanders develop insight into methods which can transform the performance of our enterprises, and the satisfaction people get out of their work.

In a highly readable introduction, McLennan explains how participation and change, or 'Organization Development', works in theory — then three New Zealand pilot studies show what happens in practice as well. *Participation & Change in the New Zealand Workplace*, published by Fourth Estate Books. Only \$4.95 at all good bookshops, or direct from: Fourth Estate Books, P.O. Box 9344, Wellington. (See Fourth Estate Subscription Service coupon elsewhere in this issue.)

## These famous signatures appear on a strict code of ethics



Ten of the leading New Zealand Finance Houses have banded together to form the N.Z. Finance Houses Association. Its members have an important and responsible job to do. As well as providing investment opportunities for investors large and small, they provide funds to help industry and agriculture develop and compete more successfully in export markets. Members operate according to this Code of Ethics.

1. The foundation of the finance house industry is based on confidence. Such confidence is created only by fair treatment, courteous and efficient service.

2. Members will at all times conduct their business honourably and employ ethical practices in every activity.

3. Members will explain fully to customers the cost, terms and contractual obligations of credit transactions. Written documents will be as simple, lucid and unambiguous as circumstances will permit.

4. The business will be maintained as a constructive agency in community life and members will endeavour to conduct their business to provide financial benefit

and help for the customer, whether consumer or producer, individual or company.

5. Members will discourage commitments by borrowers in excess of their financial resources.

6. Truth in advertising will be the guiding principle of all promotional efforts.

7. Association members support legislation which regulates and supervises the industry and which gives due regard to the public interest and encourages and safeguards the savings of the community.

8. Members will support other organisations striving effectively to improve economic and social conditions of all New Zealanders.

It's a good feeling to be working with people like • Australian Guarantee Corporation (NZ) Limited

• BNZ Finance Limited  
• Broadlands Finance Limited  
• Challenge Finance Limited  
• Finance and Discounts Limited  
• General Finance Limited  
• Lombard New Zealand Limited  
• Marac Finance Limited  
• NZ Finance Limited  
• UDC Finance Limited.

For further information, write for our Consumer Education Brochure



NZ FINANCE HOUSES ASSOCIATION (INC.)  
Wakefield House, The Terrace,  
P.O. Box 1050, Phone 721-731, Wellington.



# Merchants stick to pessimistic trade forecast

by Peter V O'Brien

THE sectoral responses to the Institute of Economic Research's quarterly survey of business opinion are again the most interesting sections of the publication. While manufacturers and the building industry reported widespread growth in activity for the second successive quarter, merchants remained the most pessimistic of the major groups, again for the second successive quarter.

The services sector reported a "relatively favourable" March quarter both in activity and financial performance. Both merchants and services expect a lower level of activity in the second quarter of 1979. Manufacturers and builders are "cautiously optimistic" about the current three months period, in spite of 35 per cent of respondents in the last group forecasting a downturn in general business conditions.

The sector responses are, of course, based on the current outlook, and are unable to take account of possible policy changes, particularly in the Budget. They are valuable in that they set a framework of current business confidence, on which future policy developments can be based.

The responses on employment reflect the migration outflow of skilled labour in the manufacturing and building sector, 20 per cent of respondents, on balance, reported skilled labour harder to attract than three months earlier. The Institute says this is "the highest proportion to do so for four and a half years".

But, on balance, a net 25 per cent of respondents at March found unskilled labour

easier to recruit than at December. While the latter is a relatively high net response it is the lowest 'easier' response recorded in two years.

Between the manufacturers and builders, the Institute says "a mood of pessimism continues in the building industry", with responses indicating a continuation of the rapid erosion in business confidence evident in the December survey returns.

The state of the building industry's expectations is set out in this passage:

"Respondents' forecasts are unequivocally pessimistic. On balance, 10 per cent of respondents expect a decline in numbers employed, 30 per cent expect a fall in overtime worked and 35 per cent of respondents forecast output down."

Furthermore, a net 41 per cent of respondents expect new orders to drop and 37 per cent forecast a decline in domestic deliveries. And falls in profitability are forecast to be as widespread as those experienced at March - 81 per cent of respondents on balance, expect a decline."

The stimulation of the economy last year shows up in the responses of the services sector (insurance, auctioneer and agency and banking and finance).

The Institute reports that 30 per cent of respondents, on balance, says services volume is up (a survey record), and 1 per cent reported a profitability increase: "the first positive response since March 1973".

But, on balance, a net 25 per cent of the services sector

expect general business conditions to deteriorate during the next six months. "This is in contrast with the 8 per cent forecasting a downturn at December and the net 30 per cent expressing optimism at September."

Since the information was compiled before the rise in Government interest rates it is notable that 31 per cent of financial respondents expected a deterioration in the general business situation in the next six months. A net 29 per cent forecast an increase in the volume of sales in the next three months and 8 per cent saw an increase in the numbers employed. A net 53 per cent forecast a rise in interest rates in the next year.

The survey is dated April 27, so the data would have been processed before the rise in interest rates on Government securities. It would be interesting to assess the present response to that move as it affects confidence on the part of financial institutions.

The June survey should reflect the change, but the actual response will probably depend on the amount of money the Government finally raises from its cash loan and the subsequent savings stock.

The Budget will have been presented by the end of June, and that document could also affect confidence in all sectors. Whether it will be reflected in the results for the June survey is problematical. The September return will include the full business assessment of any new Government economic policies.

In terms of company profitability the March survey reverses previous trends, again no doubt in line with the economic stimulation of the period between October, 1977 and the end of 1978. The Institute says, in regard to the economy wide result:

"Five per cent of respondents, on balance, report a March quarter fall in profitability. With the exception of the net 3 per cent of respondents reporting a fall at December, this is the least pessimistic response in more than five years. A net 7 per cent of respondents forecast a fall in profitability during the forecast period."

Company results now coming to hand reflect the view for the March quarter (and probably for previous quarters). Whether the pattern will continue is questionable as credit

tightens, money becomes more expensive, and a wide range of price changes work through to a reduction in consumer spending power. If the public faces higher, and in some cases, massive, rises in costs for essentials (eg, electricity, fares, and so on) there will be less to spend on the other goods and services provided by the respondents to the Institute's survey. That in turn would reduce profitability, in the absence of

an ability to reduce company costs by an appropriate offsetting amount. Inflation is still a major business problem. The Institute says that, proportionally, net rises in costs have once more outstripped price rises. "On balance 77 per cent of respondents report costs up compared with 61 per cent reporting higher prices."

The responses for the forecast period "suggest an

acceleration in both cost and price rises accompanied by a growth in the divergence between costs and prices. A net 83 per cent of respondents forecast costs will rise compared with the net 6 per cent of respondents forecasting price increases."

The overall result is that the problems remain the same. The only change, and that comparatively minor, is the relative numbers reporting the effect of the problems.

## Finance firms present mixed batch of profit figures

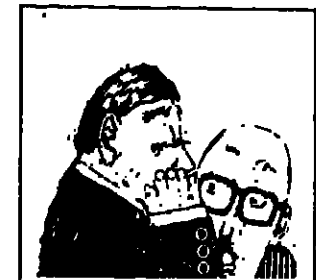
by Peter V O'Brien

THE listed finance companies are reporting a considerable divergence in their 1979 profit figures, even when allowance is made for "recoveries" in some cases from previous years.

BNZ Finance was the first group to issue a preliminary result with a net profit increase of 50.2 per cent over 1978. That figure has to be treated cautiously, because BNZ Finance has had profit problems in recent years. While the 1978 figure of \$520,000 was ahead of 1977's \$385,000, the former represented a 20.2 per cent return on capital, while the latter was a return of 21.4 per cent. The group's capital increased between 1977 and 1978 as a result of the issue of 778,000 \$1 shares to acquire First New Zealand International, the former merchant associate of the Bank of New Zealand. That company is now incorporated in BNZ Finance as its merchant banking arm. (The company has had a cash issue in September, 1978, but that does not affect the earnings rate in the 1978 accounts).

This year BNZ Finance earned 24.2 per cent, after allowance for the cash issue, which was in the books for only a few months of the trading period. So the company had a solid profit lift in real terms.

Marac lifted profit 9 per cent, following a rise of about 40 per cent in the previous year. Marac's earnings rate on capital for 1978-79 was 31.1 per cent, as against 29.1 per cent in the previous year, and 28 per cent in 1977. Those earnings rates are also affected by share issues during the appropriate accounting



INVESTOR INSIGHT

periods, but a company is expected to provide a return on its additional capital.

Both BNZ Finance and Marac lifted their dividends 1 per cent, a feature which is likely to be commonplace as the company reporting season gets into top gear.

Then came Broadlands Dominion Group, with a profit lift of 2.5 per cent after a sizeable taxation reduction. The dividend is maintained at 14 per cent (7 cents a share) for the year.

The fourth of the March 31 listed companies to report was UDC Group Holdings (the fifth company on the list is General Finance, which balances later in the year). UDC produced a 40.2 per cent profit increase to follow the massive dollar profit rise in the previous year. When the earnings rates are calculated on changing capital the figures were: 1977 - 27.9 per cent; 1978 - 25.1 per cent; 1979 - 22.4 per cent. "The group's capital has gone from \$4.8 million to \$10.8 million at the latest balance date. UDC has yet to return to the earnings level applicable before the substantial cash issues of the last two years."

Attempts to reconcile differences between all these figures are complicated by the different "mix" in the four companies' businesses. But the market is making its own assessment of the finance sector. Last week the dividend yields were:

Broadlands 5.8 per cent  
BNZ Finance 7.8 per cent  
Marac 8.6 per cent  
UDC 8.4 per cent

General Finance's dividend yield was 9 per cent, but that figure relates to the profit and payment for the 1978 financial year.

Dividend covers were:

Broadlands 1.7  
BNZ Finance 1.5  
Marac 1.9  
UDC 1.8

This year the companies may be under pressure from the rise in interest rates. Finance houses have to maintain a margin between their borrowing and lending rates, but a limit eventually comes on the lending rate if money becomes too expensive for borrowers, who may then decide to defer taking up loans. The companies are now borrowing at 14 per cent (although that is not their overall "average" cost of

money, since previous borrowed funds were raised at lower rates), and the margin between that figure for an amount to take care of profit and administration costs would push lending rates towards the 18-20 per cent level if the borrowing rate is maintained for any length of time.

Investors in finance companies have to weigh up those factors, while taking account of the different areas of business in which the groups operate. Broadlands, for example, said in the preliminary report that the finance company had an "excellent year", but that, despite increased sales of land, profit was eroded by the high level of holding costs written off by the land division. There was no statement of how much "increased sales" represents, but the present state of the property market would suggest that the company is holding high "stocks" although that must be seen relative to the total business, which had assets of \$20 million at balance date. The "land projects" figure declined from \$17.8 million in 1978 to \$16.7 million in the latest year. The holding costs on projects worth \$18.7 million is considerable in terms of the profit and loss account. The property market will eventually come again, and Broadlands clearly adopts the right policy in disposing of the holding costs now, rather than capitalising them in the books in the hope that they will be recouped sometime in the future (shades of Securilbank).

The other companies have lower property interests in comparison with Broadlands, but again their businesses have different components, both absolutely and proportionately.

Marac holds about half the capital in Cooks New Zealand Wine Co. Ltd, an interest which is unique in the finance sector. The Auckland group also owns a building society, which is also unique in the industry. Through AG Developments Ltd, Marac is engaged in residential land subdivision and industrial development. There is also a strong interest in consumer finance.

UDC has a low level of property involvement, and less activity in consumer finance than the other companies, although there is sizeable activity in that sector.

There is a finance company investment to suit "every need", but the investor would need to compare dividend yields carefully, making a decision in advance could be a tougher task for the sector.

## NBR SHAREMARKET SURVEY

WEEK ENDING MAY 17, 1979

1979	High	Low	Last Sale	Week's High	Week's Low	Dividend	Reported Turnover	Dividend Yield	P/E Ratio
100	100	100	100	100	100	100	100	100	100
101	101	101	101	101	101	101	101	101	101
102	102	102	102	102	102	102	102	102	102
103	103	103	103	103	103	103	103	103	103
104	104	104	104	104	104	104	104	104	104
105	105	105	105	105	105	105	105	105	105
106	106	106	106	106	106	106	106	106	106
107	107	107	107	107	107	107	107	107	107
108	108	108	108	108	108	108	108	108	108
109	109	109	109	109	109	109	109	109	109
110	110	110	110	110	110	110	110	110	110
111	111	111	111	111	111	111	111	111	111
112	112	112	112	112	112	112	112	112	112
113	113	113	113	113	113	113	113	113	113
114	114	114	114	114	114	114	114	114	114
115	115	115	115	115	115	115	115	115	115
116	116	116	116	116	116	116	116	116	116
117	117	117	117	117	117	117	117	117	117
118	118	118	118	118	118	118	118	118	118
119	119	119	119	119	119	119	119	119	119
120	120	120	120	120	120	120	120	120	120
121	121	121	121	121	121	121	121	121	121
122	122	122	122	122	122	122	122	122	122
123	123	123	123	123	123	123	123	123	123
124	124	124	124	124	124	124	124	124	124
125	125	125	125	125	125	125	125	125	125
126	126	126	126	126	126	126	126	126	126
127	127	127	127	127	127	127	127	127	127
128	128	128	128	128	128	128	128	128	128
129	129	129	129	129	129	129	129	129	129
130	130	130	130	130	130	130	130	130	130
131	131	131	131	131	131	131	131	131	131
132	132	132	132	132	132	132	132	132	132
133	133	133	133	133	133	133	133	133	133
134	134	134	134	134	134	134	134	134	134
135	135	135	135	135	135	135	135	135	135
136	136	136	136	136	136	136	136	136	136
137	137	137	137	137	137	137	137	137	137
138	138	138	138	138	138	138	138	138	138
139	139	139	139	139	139	139	139	139	139
140	140	140	140	140	140	140	140	140	140
141	141	141	141	141	141	141	141	141	141
142	142	142	142	142	142	142	142	142	142
143	143	143	143	143	143	143	143	143	143
144	144	144	144	144	144	144	144	144	144
145	145	145	145	145	145	145	145	145	145
146	146	146	146	146	146	146	146	146	146
147	147	147	147	147	147	147	147	147	147
148	148	148	148	148	148	148	148	148	148
149	149	149	149	149	149	149	149	149	149
150	150	150	150	150	150	150	150	150	150
151	151	151	151	151	151	151	151	151	151
152	152	152	152	152	152	152	152	152	152
153	153	153	153	153	153	153	153	153	153
154	154	154	154	154	154	154	154	154	154
155	155	155	155	155	155	155	155	155	155
156	156	156	156	156	156	156	156	156	156
157	157	157	157	157	157	157	157	157	157
158	158	158	158	158	158	158	158	158	158
159	159	159	159	159	159	159	159	159	159
160	160	160	160	160	160	160	160	160	160
161	161	161	161	161	161	161	161	161	161
162	162	162	162	162	162	162	162	162	162
163	163	163	163	163	163	163	163	163	163
164	164	164	164	164	164	164	164	164	164
165	165	165	165	165	165	165	165	165	165
166	166	166	166	166	166	166	166	166	166
167	167	167	167	167	167	167	167	167	167
168	168	168	168	168	168	168	168	168	168
169	169	169	169	169	169	169	169	169	169
170	170	170	170	170	170	170	170	170	170
171	171	171	171	171	171	171	171	171	171
172	172	172	172	172	172	172	172	172	172
173	173	173	173	173	173	173	173	173	173
174	174	174	174	174	174	174	174	174	174
175	175	175	175	175	175	175	175	175	175
176	176	176	176	176	176	176	176	176	176
177	177	177	177	177	177	177	177	177	177
178	178	178	178	178	178	178	178	178	178
179	179	179	179	179	179	179	179	179	179
180	180	180	180	180	180	180	180	180	180
181	181	181	181	181	181	181	181	181	181
182	182	182	182	182	182	182	182	182	182
183	183	183	183	183	183	183	183	183	183
184	184	184	184	184	184	184	184	184	184
185	185	185	185	185	185	185	185	185	185
186	186	186	186	186	186	186	186	186	186
187	187	187	187	187	187	187	187	187	187
188	188	188	188	188	188	188	188	188	188
189	189	189	189	189	189	189	189	189	189
190	190	190	190	190	190	190	190	190	190
191	191	191	191	191	191	191	191	191	191
192	192	192	192	192	192	192	192	192	192
193	193	193	193	193	193	193	193	193	193
194	194	194	194	194	194	194	194	194	194
195	195	195	195	195	195	195	195	195	195
196	196	196	196	196	196	196	196	196	196
197	197	197	197	197	197	197	197	197	197
198	198	198	198	198	198	198	198	198	198
199	199	199	199	199	199	199	199	199	199
200	200	200	200	200	200	200	200	200	200

# If you need this vital information...

## you need Chubb fire resisting computer cabinets

Heat destroys magnetic tape, computer discs and microfilm at around 65 degrees centigrade. At even lower temperatures, considerable distortion will occur.

CHUBB have developed a fire resisting Computer Cabinet which gives positive and effective protection to all memory data regardless of the storage medium. World wide tests of our Cabinet to a heat of 1010 degrees centigrade produced undamaged material.

**CHUBB**  
peace of mind...  
for over 160 years

Auckland 799-325  
Wellington 721-444  
Christchurch 67-368  
Dunedin 740-641

**Chubb NZ PO Box 3566 Wellington**  
I'm concerned about my Company records  
Please send me further information  
Please ask a Consultant to call

Company

Name

Address

Phone

CC 1

### Economics Correspondent

**HOUSING** Minister Derek Quigley told the National Housing Commission in early May that previous Government policies have produced distortions in the housing market. As Minister, he proposes to adopt a new finance package intended to make best use of all New Zealand's housing resources. But the Government may not have as much direct control over the development of housing as it might like. And one way of rationalising the housing finance market may be for the Government to play only an indirect role.

The Government now directs the development of housing by setting qualifying restrictions for the money it lends through the Housing Corporation. While the corporation and other Government agencies play a major role in financing new mortgages, they still only account for around a fifth of the value of new mortgages taken out.

Information about housing mortgage registrations is not collected formally. To discover trends in housing finance, Don Burt, of the New Zealand Institute of Economic Research approximated a long-term series of housing mortgage registrations. The table illustrates his estimation of the proportion of new mortgages financed by different institutions.

The most significant feature is that the largest share of new mortgages have been registered with solicitors.

In the 12 years from 1966 and 1978, between 31 to 36 per cent of housing mortgages have been financed from solicitors' trust funds. The Housing Corporation has consistently provided the next largest share, but there has been a declining trend in its contribution from 24 per cent in 1966 to a low 16 per cent in 1977.

Other major sources of housing finance include private savings banks, trading banks, trustee savings banks, building societies, insurance companies and finance companies. There are about 16 sources of housing funds.

Burt suggests that the fragmented market for housing funds could be inhibiting both the growth and the efficient use of housing funds.

It is interesting to compare trends in housing finance here with overseas countries. In the United Kingdom building societies account for about 80 per cent of new housing mortgage registrations, according to Burt. In Australia savings banks account for about 40 per cent of new mortgages registered, trading banks 30 per cent and building societies about 20 per cent of total housing funds.

Burt says "The New Zealand position therefore differs significantly from that in overseas countries in that we have a more fragmented market which could be inhibiting both the growth and efficient use of housing funds."

Professor David Sheppard also has found evidence that the present financial market is fragmented and made almost unmanageable by a number of undesirable features, including too many sources of mortgage finance.

In the long run, Sheppard does not believe that the sources of mortgage finance should be as diffused as they are today.

Worse, the extraordinary spread in market mortgage rates (they range from well over 17 per cent per annum from finance companies to 3 per cent from the Housing



THE ECONOMY

Corporation) reflects the fact that the market is segmented."

Sheppard's fear is that equity in terms of common treatment for all sources of finance with respect to security ratio requirements (the proportion of deposits financial institutions are required to deposit with the Reserve Bank) and corporate tax laws is absent. "Well established traditional mortgage lenders, the building societies and the trustee savings banks, have less than 20 per cent of the market's business."

The dominant market shares are held by two institutions outside the banking system. Interest rates are subsidised by the Housing Corporation and solicitors are a non-institutional source of finance who provide buyers with short-term first or second mortgages—on average, solicitors' interest rates are at least 14 per cent.

Sheppard is concerned that there is no freely operating buying and selling mechanism which effectively narrows the gap of extraordinary large interest rate differentials.

Traditional institutional lenders which offer house finance at modest rates resort to non-price rationing measures to command a stable source of supply of private savings deposits to lend. As a result, young first home owners with no savings record or those who want to buy an older property in low income urban areas cannot get finance.

Sheppard reminds us that even those buyers who are successful in getting a first mortgage often find they have insufficient finance to buy a given property. A gap of about 30 per cent must be bridged by a second mortgage, often from a different source than the first mortgage and invariably issued at a higher interest cost and on a shorter term. "A market structure like this is not well designed to handle adverse market conditions," he said.

In the long run, Sheppard says the savings banks along with the building societies, should dominate the private mortgage market. He hopes that the share of the non-institutionalised sector of the market, as represented mainly by solicitors, withers away to one or two per cent of total business.

Sheppard makes two suggestions that may lead the housing finance market toward rationalisation.

First, he supports the establishment of a secondary mortgage market.

Secondly, to foster Government recognition of the important role established institutions play, "much will be gained if the existing tax rebate scheme is extended to all forms of medium term (say three years and up) institutional savings placements."

To rationalise housing finance, Burt suggests that the Government has the option to take a completely new role from its direct involvement through the housing

### corporation.

The Government could let the market decide how to use available housing finance by channelling funds through existing financial institutions

Government could set up a credit mortgage bank to deal in the secondary mortgage market. A potential house purchaser needing to borrow has mortgage bonds drawn up

circumstances and other relevant criteria. And if the borrower was held responsible for the bonds, rather than the property, the costs of mortgage documentation

mortgage bond money might be used for other purposes and small investors may still find it difficult to get mortgage finance. By far the greatest advantage of the scheme is

### NEW MORTGAGE REGISTRATIONS (Percentage)

Year ended March	Housing Corporation & Govt Agencies	Private Savings Banks	Trading Banks	Trustee Savings Banks	Building Societies	Insurance Companies	Finance Companies	Solicitors	Other
1966	24	3		5	13	15	4	31	5
1967	23	2		4	14	13	4	34	5
1968	21	2		4	15	13	4	35	6
1969	20	2		6	15	14	4	33	6
1970	20	2		6	16	12	5	32	6
1971	21	2		7	15	10	5	34	6
1972	17	2		7	13	10	7	38	6
1973	18	4	4	8	11	8	7	34	5
1974	14	3	6	7	12	9	9	36	5
1975	18	4	1	6	10	9	9	38	5
1976	24	5	6	6	8	6	9	34	4
1977	16	4	8	7	8	7	11	36	3
1978	18	7	4	8	8	7	9	36	2

Derived by D B Burt, New Zealand Institute of Economic Research

or by establishing a secondary mortgage market. Then lenders of housing finance could freely enter and leave the market by buying and selling mortgage bonds drawn up by a house purchaser.

To cover all necessary finance, the market value of these bonds will reflect the capital value, term rate of interest, the amount of security in the mortgaged property, the borrowers financial

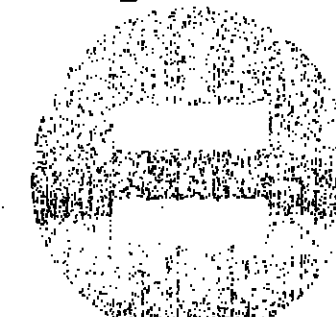
associated with property transfers would be reduced. The disadvantage of a secondary mortgage market to the Government, could be that its control over economic objectives would be weakened,

that it would provide a more stable housing funds market where government could influence economic activity by the buying and selling of mortgage bonds.

## When you get past the nuts and bolts...



...service  
is the all important component  
in the computer business.



**Computer Consultants Ltd**  
COMPUTERS — BUREAU — WORD PROCESSING —  
the solution is simple

Computer Consultants Limited is a totally New Zealand owned and operated company specialising in providing business and commercial with advanced electronic data systems products and services. The success of the Computer Consultants Philosophy of providing workable solutions to the ever changing needs of business and absolute client support is mirrored in the fact that today the company employs more than 300 highly skilled people with an annual turnover in excess of \$9 million.

Computer Consultants Limited, Head Office: "Computer House", 25 Knight Road, Lower Hut, P.O. Box 30-631, Telephone: 864-149, Telex: 3572.  
Branches in Auckland, Wellington, Christchurch, Dunedin, Hamilton, Hastings, Wanganui, Palmerston North and Sydney.

CC 121



# Jumbos may pull Air NZ out of nosedive

by John Draper

JUMBO jets may pull Air New Zealand out of its nosedive toward financial disaster and the ignominy of joining the Railways as another Government-owned lame duck.

Cheap fares and inflation are sending the airline plummeting into the red. Ironically the cause has been Air New Zealand's success. When other operators were reeling under falling profits in the mid 1970s, Air New Zealand flew on unscathed.

And while major airlines like Pan American were

staggering under the burden of rising fuel costs and reorganisation, Air New Zealand went from strength to strength.

In 1977 it doubled its 1976 profit to a record \$11.675 million.

The success story owed much to the long range DC10 and its greater efficiency over the DC8.

But it is now the DC10 which is threatening Air New Zealand's future.

Subsidies would be bitterly resented by the airline which has prided itself on competitiveness, service and profitability.

The Pacific route to

Honolulu and Los Angeles has long been the airline's most lucrative. Cheap fare packages designed to fill otherwise empty seats were marketed with particular success in Australia, which the airline views as its natural hinterland.

At its peak, the Australian market filled three 260-seat DC10's of Air New Zealand's 11 flight weekly schedule to Los Angeles. The Australian Government has now excluded the airline from that segment of the market.

When Sir Freddie Laker's Skytrain caught the public imagination, Air New Zealand obliged, with a little

Government prodding, to offer budget fares across the Pacific.

But it rarely used its full quota to top up flights as there were more than enough passengers paying higher fares in other categories.

Across the Atlantic, the scheduled carriers flying in the jetstream of Sir Freddie Laker's Skytrain, slashed fares and hit gold.

Half empty aircraft suddenly started paying their way when topped up with budget and standby passengers.

A year on the statistics reveal there was no marked increase in the number of people travelling. But there has been a huge switch from charter carriers, which previously offered the cheapest fare, to scheduled airlines.

Last year Europe bound travellers climbed by 1.6 per cent over the previous year which had increased 9.6 per cent in 1976. But scheduled airlines increased their share of the market by 39 per cent in 1976 while charter operators dropped 44 per cent.

Across the Pacific there was no such latitude. In 1976 Air New Zealand's flights were averaging a 70 per cent loading factor, in airline terms that means they were flying full most of the year.

Lower fares inevitably meant a lower yield for each flight at a time when costs were rapidly rising.

Compared to the Atlantic, the Pacific is a very thin route. It is also highly seasonal with travellers following the sun. The result is fully loaded aircraft in one direction returning lightly laden.

Seasonal fares may help ease the peaks and troughs this year.

Inflation showed up in the airline's profit after interest charges for the year ended March 1978 - a huge drop to \$3.3 million from its record in 1977.

Rising fuel costs, which alone are expected to add \$12 million to operating costs this year, and continuing inflation are further squeezing net yield.

The warning lights are already flashing. Air New Zealand's finance manager

Alan Varcoe says the airline needs to make \$20 million as an "adequate return for future planning".

"In the present volatile commercial and fares situation we cannot be completely certain we will finish above the line this year. But that is certainly our intention."

Transport Minister MacLachlan has already

prepared the safety net. Recently he told journalists Air New Zealand would use low fares to compete. It needed the rates as a sales gimmick if nothing else to bring the customers in. And if Air New Zealand made a loss while competing, the Government as the shareholder would subsidise the airline.

There is no likelihood that Air New Zealand's international wings will be clipped. The merger with NAC was aimed at giving the international wing strength with a reliable cash flow as well as longer term operating economies.

Overseas exchange earnings also are sufficient to justify Air New Zealand's existence in Hong Kong, Singapore, Los Angeles, Australia, the South Pacific and in the early 1980s, Tokyo.

But to climb back to profitability may mean huge investment in new aircraft several years ahead of schedule. Air New Zealand was hoping McDonnell Douglas would stretch the DC10 to Boeing 747 jumbo size.

A big order is needed to take the project off the drawing board, however Air New

Zealand would probably need three.

Delivery may be long but the airline can afford to wait. In the interim more seats could be added to the DC10 sacrificing Air New Zealand's reputation for service - stronger selling point the more of its publicity - at expense of freight.

Most of the easily and cheaply accomplished



AIR NEW ZEALAND hopes DC10 can be stretched jumbo size.

modifications improving DC10's performance has already been exploited by long haul routes as taking their toll in maintenance.

Now it seems there is option to the \$50 million 24-seater Boeing 747. Air New Zealand may now be forced to re-equip several years ahead of its mid 1980s schedule.

But a wrong decision could be very costly. Staff are keenly watching the cheap fare trend particularly in America where airlines are cutting prices again.

The impact of new Continental Airlines to the South Pacific is also determinant. Initially, it is expected to take up to 30 per cent of the existing market. But if its promotion of New Zealand in the American and west pays off, Air New Zealand may get a spin off through higher demand for seats.

Commercial and Industrial Selling - Leasing Phone 726-209

harcourts

# Art chief fails to fit into municipal machine

by Bute Hewes

It is hard to imagine that a newspaper without an editor, a play without a producer or an orchestra without a conductor could hope to make good.

Into the same category comes an art gallery without a director. But this is the new status of Auckland's gallery, by common consent the finest in New Zealand, and this is the way Auckland city councillors would like to keep it.

Councillors have a long-standing love-hate relationship with their gallery. They are proud of it as a magnificent civic amenity, yet they are hostile towards professional staff who give it high quality.

They advertise internationally to recruit the best art gallery administrators they can get, and then they make them so awkward that they have to go.

That is what happened to the latest in a succession of directors. Ernest Smith, who resigned this month, unable to continue working amid such hostility.

It happened in 1973 to his predecessor, a brilliant American named Richard Teller Hirsch, and it took councillors a long time to live down the bad taste left by their mismanagement of what became

known as the Hirsch affair.

It is a management problem that arises because art galleries and their staffs do not fit into the conventional pattern of municipal activity.

They are not as simple as drainage, street lighting and garbage collection, all of which councils understand.

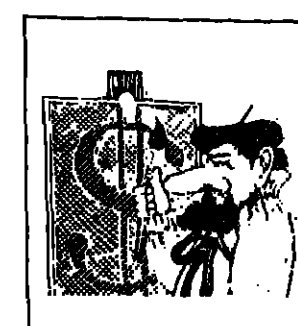
Art is an intangible commodity, built on dreams. Artists throughout history have been recognised as unlike ordinary mortals, and art administrators are of the same ilk.

So when a first-class art gallery administrator is captured over overseas, the delight of his new bosses turns to dismay when they discover he is not at all what they expect of an orthodox council officer.

He is a creative thinker, totally involved in enthusiasm for his work. His job is to communicate his enthusiasm to the general public, to attract them into his gallery and encourage them to enjoy what they see there.

Lesser matters, such as writing dry and formal reports or attending tedious committee meetings of councillors who are not very interested anyway, tend to take second place.

But these lesser matters are the very ones that are so



ART SHOP

important in a municipal hierarchy. A gallery director who gives them low priority, they begin to think, lacks the administrative qualities they look for.

It could be solved simply by recognising that art gallery people have to be different from the ordinary run of public servants, and putting in an administrative assistant to handle the mundane matters.

That way, housekeeping tasks - preparing budgets and duty-rotters, recruiting maintenance men and cleaners and so on - could be well looked after, leaving the director free to concentrate on his professional job.

But that is not the way councillors see it. They demand that all these details should come first, and should be the direct responsibility of the top man.

If he shows the slightest sign of reluctance, either because he resents having his attention distracted or because his academic training has simply not included such trivia, he is marked down as a poor administrator.

It is a problem, based on a misconception of what an art administrator should be, that has existed in galleries all over the world, in theatres, opera houses, film studios and indeed in any sphere which depends on creativity. It exists in television too - at least, in New Zealand.

Most other countries have been shrewd enough to identify the problem and solve it by separating housekeeping from direction. But New Zealand has still to learn this.

Here the trouble is compounded because public galleries are usually part of a municipal machine and are

expected to be an obedient cog, conforming to all other departments.

Major overseas galleries are usually independently run, often receiving financial contributions from city councils, but otherwise outside them, controlled instead by trustees who know and care about art galleries.

A new board of management along these lines has been suggested in Auckland as a way of solving once and for all the difficulties that have plagued its gallery.

Even so, this goes only halfway to a solution. Because the city council provides the full finance, it would lead a board with councillors, outnumbering any new trustees with real understanding of the gallery.

But a more attractive proposition to councillors is that they should abolish the gallery director altogether and put in a manager concerned just with housekeeping.

His main duty would be to open the gallery doors on time each morning and close them

again each night, making sure the lights were out before he went home.

That is the way art galleries used to be before councils began to learn that there was rather more than that to presenting exhibitions that would attract the public in.

A good director, for instance, has personal contacts with prestige galleries throughout the world, and he uses these to obtain the loan of priceless works no New Zealand gallery could afford for itself.

Ernest Smith did this, patiently working for two years to bring together a major exhibition of works by the great South Pacific painter Paul Gauguin, borrowed from the Louvre and other European and American collections.

When he presented his complete plan to a council committee this month, it was turned down flat. Councillors were simply not sufficiently interested.

Besides, they had more important things on their

minds - ways and means to get rid of the director and replace him with a non-professional manager who would be cheaper and more in line with their ideas of what a council officer should be.

It was the final straw for a man weary of fighting a losing battle against people to whom the art gallery was just another municipal department like drains, street lighting and garbage collection. His resignation went in, and was accepted with almost indecent haste.

"The top priority is art and professionalism, and everything else is just politics," he remarked as he left the committee meeting.

"It's a question of getting the priorities right, and it's a miracle that I have been able to survive five years as director."

If the Auckland City Art Gallery can survive a further five years this time without a director and without wasting away into a dusty, forgotten white elephant, that will be another miracle.

## Air conditioning: breakthrough saves energy and dollars

An interview with Mr F. J. Needham, designer of electro hydronic air conditioning equipment made by McAlpine Prestcold Limited under licence to Singer, U.S.A.

Q: How does this system work?

NEEDHAM: Basically this heat pump system means we put an air conditioner into each specific zone of the building and use it to pump heat into or out of the zone. All units are connected together on a water loop circuit so that the heat is actually being transferred between the water and the zone. As a result, in many cases we do not have to create heat since we can often pick up and transfer enough around the building for it to become self-sufficient.

Q: Will it save power and money?

NEEDHAM: In comparison with other systems available today, YES! Both the first cost and operating costs are low. Savings in energy can be metred in office buildings, hotels, multi-shop complexes, supermarkets. High rise office blocks all suit this system. Architects and engineers should ensure they contact their nearest agent when designing buildings as initial costs are often 1/3 less than other systems.

Q: Is this a new system or is it being used successfully in buildings today?

NEEDHAM: The system is not new. It was devised around 1955 and there are thousands of installations all over the world. Present interest in the system is largely a result of increasing energy costs. It seems to be an old idea whose time has now come. Currently in N.Z. this system is being designed into a large proportion of new installations, especially in high rise office blocks where a noise level of less than NC 35 can be obtained.

Q: Does the system offer individual control of areas and do you actually see a unit in the area?

NEEDHAM: The system provides room by room control and the machine appropriate to each room can be mounted either on the floor where it looks like a typical fan coil unit or alternatively, it can be mounted above the ceiling.

Q: Does the whole system have to be installed during construction?

NEEDHAM: NO. Provided the water loop piping is installed, equipment can be added at any time in the future.

Q: What are some of the heat sources which are available round a building?

NEEDHAM: Well, a primary heat source is the sun and the advantage of this system is that we can transfer that heat around to the cold side of the building. Therefore, the building acts as a huge solar energy collector. Other heat sources in a building are the

exhaust air, lights, people and business machines. In hotels and motels, we can recover the heat from the kitchens, bars and dining rooms and use it to heat the bedrooms. All heat from refrigeration equipment can be recovered and in a supermarket, there would generally be enough of this to heat both the supermarket and a considerable number of specially stores to be added.



Mr F. J. Needham at the Auckland International Airport has installed one of the buildings using the Singer EHC System.

Q: What happens if you cannot recover enough heat for the building's requirements?

NEEDHAM: There are two options. Firstly, supplementary heat is supplied to the water loop. We can do this with a conventional boiler or install a storage tank into the water loop as a "bulge in the pipe". During each day's operation the storage tank fills up with hot water at about 100°F. This water is then used on the next day to warm up the building. If the tank water is not hot enough it can be heated overnight using "off-peak" electrical power.

Q: If there is too much heat in the water, how is this removed?

NEEDHAM: The water loop is taken outside the building and run through an industrial cooler. An alternative method uses a cooling tower and heat exchanger. Both methods get rid of the heat without contaminating the water.

Q: Does the system use more or less space in a building than a central plant system?

NEEDHAM: The system will always use less space because of its decentralised arrangement and extreme flexibility. Large plant rooms are eliminated giving more rentable area.

We will be happy to discuss your requirements.

© McAlpine Prestcold Limited  
P.O. Box 2215, Ph: 599-909 Auckland  
Branches at Hamilton, Wellington, Christchurch, Tauranga

## "LEGAS-the most advanced legal accounting system in New Zealand"

How much time in any legal firm do partners spend doing ponderously detailed cost-control work? How much time do partners spend reviewing files, identifying accounts requiring action, clearing accounting queries? Wouldn't any firm like to slash that time to a fraction? Wouldn't any legal firm like an improved cash flow, more available drawings, reduced interest costs, and half the time for posting transactions? Wouldn't any legal firm like to make more money?

Computerised system produces more money for less work

LEGAS is a completely integrated system looking after all aspects of accounting in a legal office: time/cost recovery, disbursements, client billing, trust account ledger, firm general ledger, mortgage ledger. Details of all transactions on all files are immediately available for display on visual display screens - continuous on-line access to up-to-the minute information.

### CBL business policy

We provide specialised computer systems to the commercial world. Practical, applied computer work; designed to make you a greater profit through processing information faster and more efficiently. We practice business and talk in business English - we'll never hide behind a barrage of technical jargon. Because we know that if you can't understand your computer man then communication breaks down and the computer will not solve your business problems as it should.

### Find out the rest of the story

We can send you a full brochure on LEGAS by return. Clip off the coupon below and post it. Or telephone and ask for the LEGAS brochure to be sent to you. Even lawyers need a little legal help sometimes.

Auckland - Kim Walker 31-489

Hamilton - Mike Bell 84-319

Wellington - Ralph Martin 857-939

Christchurch - Ross Allan 797-480

**CBL** COMPUTER SYSTEMS & SERVICES  
Technical Experts  
Talking Business English

NAME \_\_\_\_\_

COMPANY \_\_\_\_\_

TELEPHONE \_\_\_\_\_

ADDRESS \_\_\_\_\_

POST TO:  
P.O. BOX 13147  
ARMAGH  
CHRISTCHURCH

## EXPORT REMUNERATION REPORT

Export Sales Executives

An up-to-date guide on the salaries and fringe benefits being received by executives principally involved in export sales for New Zealand companies.

The report covers:

- Salaries
- Non-taxable Allowances
- Company Cars
- Insurances
- Leave Entitlements
- Superannuation

And other fringe benefits.



SHEFFIELD CONSULTING GROUP

P.O. Box 5621  
Auckland

Please send me THE REMUNERATION REPORT

Name \_\_\_\_\_

Company \_\_\_\_\_

Address \_\_\_\_\_

Tick 1 enclosure \$50.00 ☐ Bill me later ☐

**FULLSPACE** the file with the movable aisle!

Normal shelving with wasted aisle space.

LUNDIA FULLSPACE needs only one 'moving aisle'.

You gain this extra storage space

MAXIMISE FILING AND STORAGE AREA  
FULLSPACE converts space wasting access to files into working storage space. One moving aisle serves the whole system. This results in almost double the storage in the same area.

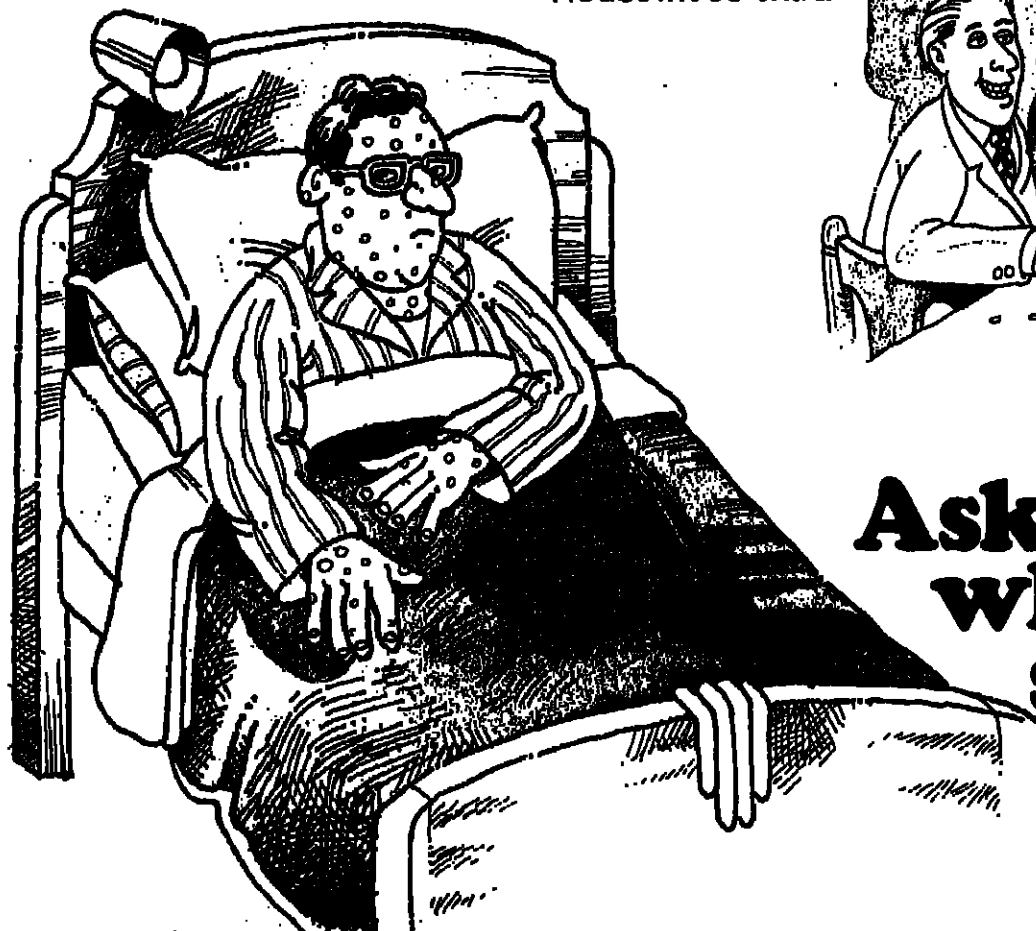
MORE EFFICIENT FILE HANDLING  
Which the FULLSPACE file is designed for. The files on both sides are expanded. Lateral filing storage and various combinations make full use of total area available.

**Lundia (N.Z.) Ltd**  
P.O. Box 14-216, PAMMURE  
Phone 501-813 548-499 Auckland  
729-276 Wellington  
614-98 Christchurch



## Ask your adman how he wraps packages.

Multi-Net. New promotional packages like Superweek, Superday, Mail Special and Housewives extra.

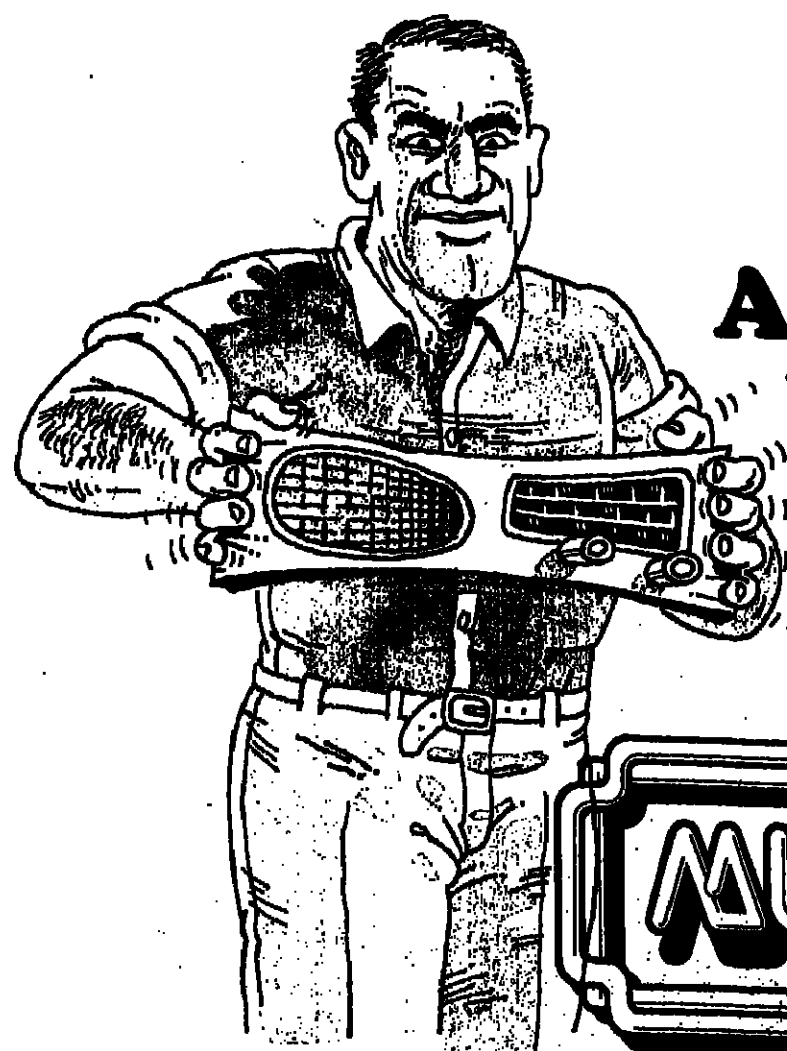


## Ask your adman where he caught his spots.

Multi-Net. Your message comes across loud and clear in the areas that need a boost.

## Ask your adman if he's tuned in to metropolitan areas.

Multi-Net. Concentrate on one particular area, or cover them all. We're very adaptable.



## Ask your adman whose radio is the most flexible.

Multi-Net. Five different network mixes to cover any contingency, or mix your own to taste.



THE NEW DEAL FROM RADIO NEW ZEALAND

## Advertisers consider TV2 boycott

TELEVISION advertisers are in a state of revolt following the restructuring decision that will give SPTV all regional ads and make TV1 a network only channel.

Adding to the advertisers' ire is the recently announced rate increases by SPTV which boost Auckland regional rates by more than 30 per cent.

The Association of New Zealand Advertisers is preparing a case against the decision. The Motion Picture Distributors Association has already laid a complaint with the Minister of Broadcasting, Hugh Templeton and the television hierarchy.

There has been talk among members of the Grocery Manufacturers' Federation of boycotting SPTV if the decision is not modified.

The storm broke when TV1's controller of sales and marketing, Richard L'Estrange, wrote to advertising agencies telling them formally what informed insiders had known for months, that from June 30, TV1 would withdraw from regional advertising.

This will, if the advertisers go along with the plan, give TV1's poor rated cousin, SPTV, about \$3 million additional revenue from regional ads, shifted over from TV1.

Regional advertisers would have no choice in future but to place their ads at increased rates with SPTV.

SPTV's audience share is best in Auckland where it also enjoys the greatest support from advertisers. SPTV's Auckland regional ad spots are well booked already.

So the extra regional advertising coming to SPTV will have to come from outside Auckland where SPTV's audience share is dwarfed by TV1's. And this is the point worrying the advertisers.

Another part of the rationalisation programme for television is to strengthen SPTV's regional programming and audience support. This may in time, make SPTV an attractive media buy in Wellington or Christchurch. But advertisers complain they are being forced to SPTV before its new regional emphasis has proved itself in the ratings.

SPTV's new monopoly on regional ads, advertisers complain, curtails competition and reduces past flexibility in media buying. Here the motion picture industry is a case in point.

With the exception of the big blockbuster movies such as "Grease" or "Star Wars" which are released simultaneously throughout the country, movies are released regionally. They shift from town to town when audiences fall off. Thus the movie advertiser needs regional advertising and he needs access at short notice.

The Motion Picture Distributors' Association wrote to Ian Cross complaining that they would be denied access to regional advertising on TV1.

They pointed out that many movies have a specific target audience and in buying television time it was desirable to achieve compatibility between television viewers and those members of the public to whom they wished to advertise a film. That is, an ad for "Grease" would have better effect if it were slotted into a television spot next to a rock and roll show than during a debate on economics.

The motion picture distributors predicted that the one channel regional situation would make it harder to book

ads at short notice. Also as SPTV's coverage is incomplete some rural areas would be missed out and small cinemas would suffer a loss of business they said.

"With films generally opening over a weekend, the access to Friday advertising is also a very important part of our advertising strategy," they added.

The Motion Picture Distributors' Association got wind of the proposed changes in television last month and sent a telegram to Hugh Templeton asking for clarification. Templeton replied on April 11 claiming he "was unaware of pending changes" and suggested the matter be taken up with the corporation.

Regional retail advertisers will be the group most affected by the changes. The national advertiser will have access to TV1. But this access will be denied to a smaller company wishing to advertise only in his own region.

In areas outside Auckland, the regionally based retailer will have to put up with SPTV's low audience share or shift his ads out of television to radio or the press.

In Auckland, SPTV is unlikely to have regional time available to meet the demand for retail ads.

Still, the rationalisation makes sense from a dollars and cents point of view — so far as broadcasting is concerned anyway.

Each channel can specialise. TV1 can shut down its regional advertising departments, thus eliminating the duplication of services.

SPTV's major advertising and audience support is in Auckland. SPTV draws about one third of its \$20 million a year ad revenue from regional retail ads.

But SPTV is poorly supported outside Auckland. This means that SPTV can fill its ad slots with regional ads in Auckland but not in Wellington, Dunedin and Christchurch. As the television screens can't be left blank, SPTV has been screening "freebies" for its favoured clients in regions outside Auckland to fill the gaps left by poor support.

If regional advertisers can be forced to use SPTV these freebie spots can be filled with paid ads.

Outside Auckland, advertisers and audiences support TV1. The channel draws only about 10 per cent of its \$30 million ad revenue from regional ads.

According to L'Estrange's letter, "It has become apparent that the pressure of network buying on TV1 was increasingly inhibiting the ability to provide advertisers with regional time especially in peak. When regional time has been made available it has created an imbalance between the regions with the result that we have been compelled to fill to the detriment of our revenue. Increasingly we have been forced to restrict the availability of regional time."

Advertisers complain that SPTV's massive rate increases stem from its new monopolistic position. But SPTV's new rates for the most part reflect the cost effectiveness of the advertising time bought.

In Auckland region where SPTV has its support ad rates were increased by an average 35 per cent. In Wellington and Palmerston North, where TV1 grabs most of the audience share, SPTV's rate increases were down to an average 3 per cent.

Still regional retail advertisers are far from happy with the new set up. One retailer said: "We are being asked to subsidise one huge experiment."

There is talk of a boycott of SPTV's regional ads. This talk



is strongest among the food manufacturers who provide a huge block of advertising revenue.

The newspapers are not unaware of television's new unpopularity and admen report that some newspaper groups are sweetening their deals to lure advertisers away from television.

## Radio carve-up

THE February-April BCNZ national radio survey contains an interesting new category of listeners. In place of the old listing of "housewives", and making a bow in the direction of eliminating sex discrimination, we have "household shoppers", being those persons, housewives or husbands, who do the majority of shopping for the home.

As previously reported in Admark, it was planned to conduct this and future surveys over a 12 week period. On this occasion, Auckland research was compressed into a nine week time scale in order to avoid the inclusion of Radio Pacific's opening weeks of operation.

In Auckland, the position shows little or no change but obviously Pacific's advent must result in some stirring of the pot. In the meantime, a look at the 20-plus age group, Monday-Friday, shows percentage shares as follows:

	6am-9am	9am-midnight
1ZB	30	35
1ZM	4	5
1XA	26	28
1XI	11	11

In Hamilton, the neck and neck struggle between Radio New Zealand's 1ZB and private radio 1XW - Radio Waikato - continues. Although in the 20-plus group, Monday-Friday, 1ZB has a cigarette paper thin lead—37 to 35 per cent in the breakfast session and 38 to 37 per cent in the 6 a.m.-midnight sweep, the differences are insignificant and probably within the survey's margin of error.

The Wellington results have an extra spice of interest in view of the fact that Radio Windy recently announced the findings from a specially commissioned McNair survey (Admark, April 24). The major findings appear to correlate fairly closely. For the 10-plus age group, Monday-Sunday, McNair shows shares at 1ZB, 33 per cent; Windy, 30 per cent; 2M, 14 per cent. BCNZ's comparable figures but for Monday-Friday are 1ZB, 33 per cent; Windy, 28 per cent; 2M, 15 per cent.

Figures are, however, one thing and their presentation another. Windy has strength in the 10-34 age group and is particularly dominant in the 10-14, 15-19, 20-24 groups, so consequently, prefers a presentation which deals with the 10-plus and includes weekends. The greater strength of the 2B stations lies in those of 35 years and more, so the 20-plus tables are preferred and the selling emphasis is on the adult market reach and this includes

the "affluent fifty-niner". (And presumably the one year older class of national superannuitants who didn't get a mention).

In any event, the BCNZ survey confirms the sharp improvement in Windy ratings, and for 20-plus the Monday-Friday percentage shares are these:

	6am-9am	9am-midnight
2ZB	39	35
2ZM	8	11
2XW	18	22

Christchurch was also the scene of a dramatic turn of events. The local 2B station which in the previous survey could claim supremacy only in the 55-plus area suddenly found new strength and even 3ZM increased its share. As a result, Avon which formerly was undisputed champion, is now merely the front runner. In the 10-plus area, week-days, it has a comfortable 39 per cent share but in 20-plus classifications it has its nose only just in front, as follows:

	6am-9am	9am-midnight
3ZB	35	33
3ZM	4	6
3XA	35	36

Dunedin still engages in healthy competition and there is little change in the situation. The survey reports this for the 20-plus, Monday-Friday:

	6am-9am	9am-midnight
4ZB	35	33
4ZM	4	6
4XA	35	36

	6am-9am	9am-midnight
4ZB	44	42
4XO	35	36

As could be expected, the household shoppers figures conform fairly closely to the 20-plus shares.

## Radio survey shock result

THE first BCNZ radio survey to cover the entry of Radio Pacific into the Auckland market (April 7 - May 4) contains a wallop of surprises for users of commercial radio.

Where the advent of Radio Pacific caused only a minor ripple, support for Radio Hauraki ebbed away and a tide of approval swept 1ZM into a new and more competitive position. The percentage shares tell the story. For comparison we have included share figures from the previous survey in brackets. This table covers the 20 plus age group, Monday-Friday.

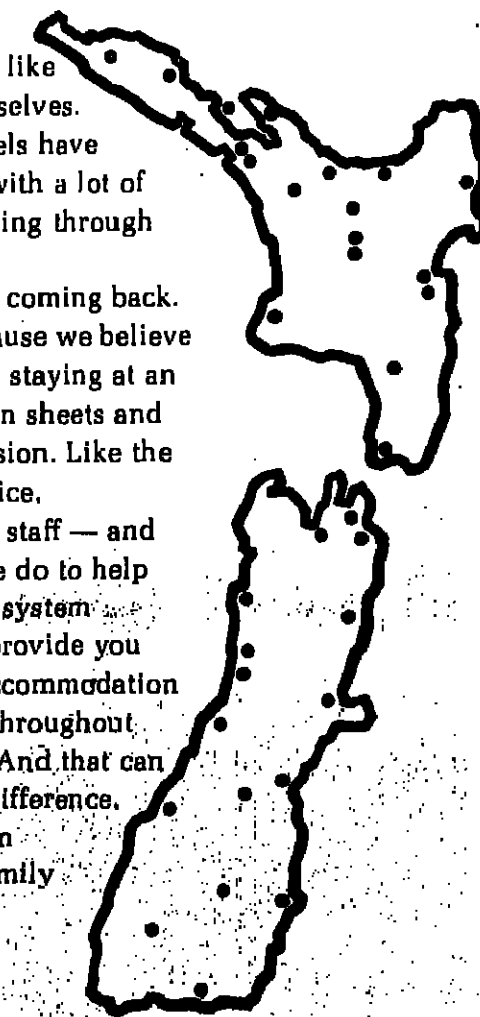
	6am-9am	9am-midnight
1ZB	38 (30)	34 (35)
1ZM	11 (4)	11 (5)
1XA (Hauraki)	18 (26)	10 (28)
1XI	8 (11)	11 (11)
1XP (Pacific)	2 (-)	4 (-)

The shares for the 10 plus age group over 6 a.m.-midnight are even more favourable to ZM with a share of 17 compared with Hauraki's 20, showing that it has taken younger listeners away from Hauraki.

that trend was accelerated by the arrival of Pacific. But these are all theories, subject to validation. The facts show simply that while five commercial stations compete for audience, change in share is likely to become the rule rather than the exception.

## A friend of the family.

That's how we like to think of ourselves. DB Travel Hotels have made friends with a lot of families travelling through the country. And they keep coming back. Maybe it's because we believe there's more to staying at an hotel than clean sheets and a colour television. Like the courteous service, understanding staff — and little things we do to help you. Our telex system enables us to provide you with instant accommodation confirmation, throughout New Zealand. And that can make a lot of difference, especially when you've got a family to consider.



**Travel DB Hotels**

Reservations can be made by telex or phone. Auckland Ph. 32-722 Telex 3204; Wellington Ph. 725-376; Telex 3404; Christchurch Ph. 83-254; Telex 4580; Dunedin Ph. 79-283; Telex 5746.







## Advantage of inflation

YOUR economics correspondent (April 24) quoted the usual figures on inflation. Although figures of that nature have been banded about for several years, they are of little relevance in a serious economic discussion.

First: If one considers how the CPI is calculated (Year Book, 1975, page 1039), one readily sees that for many of us there could be a doubling in prices of articles that make up 50 per cent of the CPI without any increase in our cost of living. To treat the CPI as a reliable measure of the cost of living for everyone and to adjust wages accordingly means that gross wages are adjusted upwards at a faster rate than the cost of living is increasing for many people. For large numbers, wage increases commensurate with the increase in the CPI confer greater purchasing power from current income.

Second: Assume that the CPI is an accurate indicator of a person's cost of living. In

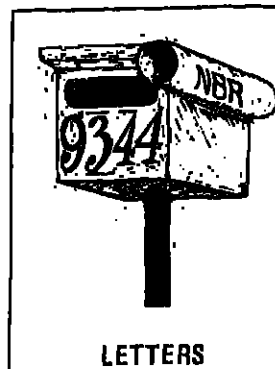
many cases it is then in that person's interest to push for inflation.

For easy arithmetic, say a man's gross wages are \$100 a week; PAYE is \$10; and he is spending \$40 in paying off a mortgage. That leaves him \$50 to live on.

Now assume a 10 per cent increase in the CPI and also in gross wages. A 10 per cent increase in gross wages will give an 8 per cent increase in take-home pay, say. The new position is that our hypothetical case has a take-home pay of \$57 and after paying \$40 in mortgage repayments, he now has \$17 to live on, that is, to compensate for a 10 per cent increase in the cost of living, he has a 14 per cent increase in the sum remaining after taxes and fixed expenses are deducted.

The argument can be generalised as follows: If there is a p per cent increase in the cost of living and a man's wages are increased by p per cent, take-home pay will increase by a smaller percentage, say q per cent.

If a man's fixed expenses are greater than the fraction (p-q) p of take-home pay, he



will gain in purchasing power from a p per cent increase in gross wages to compensate for a p per cent increase in those costs that are not fixed.

This note has not gone fully into the problem, but it has drawn attention to a fact almost universally ignored. Instead of appealing to workers to fight inflation when inflation is often manifestly to their advantage, we should try to make fixed expenses so low that they would have some incentive to better themselves financially by reducing prices instead of raising them.

C T Reid  
Papatoetoe.

## Chapman disengages

So you don't know how to take George Chapman's dominion council speech? As a sheep strayed from the fold of National doctrine some of us never left? Or a strayed python — remembering his ferocious attacks on "dissidents" during the general election?

Chapman's dominion council speech recapitulated almost word for word objects 7 to 9 of the NZ National Party which, for the sake of those who still can't get their copies of rule books, I shall repeat: "To encourage the growth of private enterprise with healthy competition and to promote individual ownership...to encourage individual effort and initiative, thrift, self-reliance and efficiency...to encourage the sound economic growth of the nation."

But what about object 11 on the rule of law — a main bone of contention in the election and cause of numerous electorate splits?

Or object 3 on "freedom, tolerance and justice", which

to those who still find themselves outside the party has a somewhat wry note?

It is worth remembering that the call to the party leadership to return to the principles for which the National Party was founded was first made last July by the so-called "rebels" of the Albany Petition Group. It was echoed in East Coast Bays, Pakuranga, Tamaki, Wallace and elsewhere and repeated on election night by Sir John Marshall.

Mr Chapman's restatement of a restatement contains the confession of a man who has disengaged himself from the wreck of an express train going in the opposite direction in time to catch the last bus home. We hope that by saying he is "going to grapple with the real issues of the day" he means what he says.

Ned Hallburton  
Publicity Officer  
Association for the  
Survival of Enterprise  
in New Zealand

## Monetary riddles

I REFER to the article in NBR May 2 of Air New Zealand's Mr Beresford's answer to the profitability of the airline's international operations.

His method of using charts and monetary riddles is characteristic of a Government department when their empire is threatened.

The hierarchy of Air New Zealand, along with Civil Aviation and Transport have been able to wield tremendous power with little regard to evaluation, and with the help of its client Tourist and Publicity division, to compile and release information on passenger loadings etc suitable for their own needs, to politicians, airport authorities and the public. Consequently the airline has gained tremendous Government funding for costly aircraft and airport development.

Mr Beresford claims that the international arm of the airline earns foreign exchange when in fact it is responsible for over half of the invisible deficit caused by New Zealanders travelling abroad and has serious consequences to the economy of New Zealand.

"Boeings" use 3600 litres of fuel on trunk routes which is more than the Silver Fern uses and when Air New Zealand says its internal and overseas haul revenue is earned during school holidays, surely we must ask ourselves, can we keep on using aviation for luxury travel? How much can the shareholder, which is the taxpayer endure when even the big airlines of the world are fighting for survival? Competition will get tougher as the cost of fuel becomes prohibitive combined with staff demands and less Government funding. And when Air New Zealand really caters for New Zealanders on long hauls and provides champagne breakfast and can have a comfortable bed across the empty seats surely we must look at aviation as a whole and decide our priorities.

T. Davis  
Wellington

## Who needs enemies?

THE spokesman on women has no comment to make on the abortion issue.

With a friend like Mr McLay on their side — our girls certainly don't need any enemies.

James H. Bridges  
East Coast Bays  
Auckland

## Electricity political party

YOUR staff writer, Mr Berryman, has written a good article in your issue about the electricity generating capacity, but he is not attributing the entire demand to the New Zealand Electricity Department.

As a member for the committee to review requirements, on estimates the construction programme is in a do have factual knowledge of the position, the committee comprised general manager of the New Zealand Electricity Department, a Treasury representative, the Government Statistician and a representative of the authorities. The committee has the five-year forecast load growth from the independent assessment on different criteria, the year forecast. The 1979 year forecast is based on a wide accumulation of background knowledge, lapse of time between drawing board and production can be six to ten years for a thermal station to 12 years for a hydro station.

Had the predictions of National Development Conference of 1969 been maintained on an even basis would have needed a kilowatt of power available. A great deal of service is given to the further processing of primary produce before exported, restructuring the fashionable term. intend to meet an targets set out by the New Zealand Planning Commission. The first requisite is an adequate supply of electricity.

There were two committees to review requirements could foresee. Firstly, the increase in the price of electricity in 1973. Secondly, the effect of a depression on the demand for electricity. Two of its most direct records directly related to the flood of emigrants in the first time in our history have recorded a net population; and an unemployed. In a depressed economy, together with tariff increases and a tentative "save energy" campaign aimed primarily at electricity consumption, a slump in electricity demand was inevitable.

To my knowledge New Zealand is the only country in the world where electricity is allowed to be used for political party. The price of electricity is a cheaper electricity is a political bribe. The increase in the price of electricity from May 1 to 1979 is a more taxation. In his statement Mr McLay increases, Mr McLay that the budget deficit for 1979 is \$137 million, 50 per cent increase in latest increase is unrelated to the production of electricity.

Because of the long factors I have mentioned may be wise to forecast of future electricity requirements. Commission for the crystal ball.

# Conference preview: supply heads issue list

by Peter Isaac  
PLASTICS Institute of New Zealand conference delegates are expected to spend a lot of discussion time worrying about the supply problem.

Over the last six months the prices of whole ranges of raw materials have more than doubled. High impact polystyrene that sold for \$850 a tonne this time last year, now sells for \$1500 to \$1800. Polyethylene which sold for \$600 - \$700 is now closer to \$800.

The industry knew that feedstock prices were going to rise several years ago. The huge demand for a lead substitute for petrol used in the United States had long made this evident.

Something like 30 million tonnes of additional aromatics has been diverted to the United States and thrown plastics industry planning out.

A ship carrying benzene from the United States to Rotterdam was recently turned back outside Rotterdam because of the huge jump in benzene prices in a matter of weeks.

The United States anti-pollution measures would have created a substantial increase in prices anyway. But nobody bargained for the revolution in benzene which threw a further strain on supplies.

While the industry can discuss the problem, there is little that can be done in New Zealand. Even the question of local processing does not arise



because the shortage is in the basic feedstock.

Members will be questioning supply house representatives very closely however, in a bid to find out what the future holds. Though the supply houses are not likely to be able to offer anything very firm, there is some doubt now about just how valid are contracts. Some supply houses are warning clients not to plan too definitely against firm contracts — the supply may just not be there.

The conference has never been doubtful about the need to discuss. Expected topics include:

- Economic forecasts of where the plastics industry is going in the report of the Forward Planning Committee chaired by John Mason, general manager of Winstone Plastics.

- Import control developments as the Institute lobbies Government using the employment potential as an argument to reduce tariff walls.

- Trade and Industry Department industry-wide studies which have been questioned by Institute members, who say the plastics industry is not an industry in isolation. It is an integral part of a whole range of other industries — such as the building and the packaging industry, not to mention the toy or kitchenware industry.

In the past, delegates have been doubtful about the overall value of these surveys which seek to strike a computational balance of the industry's worth to the nation as a whole, and to work out in which way the industry is heading.

- Film manufacturing, which is heading upwards thanks to an increased realisation at many levels that only through boosting the value of the animal carcass through selective portioning will New

Zealand really boost its overseas earnings in the short and long-term.

- Return on investment, especially on plant. The industry is closely allied with the consumer market, and the market's stagnation is particularly worrying. Three years ago, the industry was limbering up for the long production runs it needed to effect economies when at the end of 1977 there was a sudden dip in the value of the order book.

- Several supply houses are naturally trying to interest the industry in a substantial investment in process control — but there will be much wariness of this type of investment while the market looks so uncertain.

- The proposed polymerising plant scheduled for the Whangarei area may come out from cold storage at the end of a Government-sponsored moratorium. It is unlikely that passions will run quite so high as when it was first discussed several years since the ground rules have changed.

- Transport costs — to a very large extent the industry's export market has been built up through reasonably priced air freight commodity rates. There are strong inklings that these freight rates could head skyward. By the same token, the industry is worried about road transport rates, and they will be listening to Road Transport Association president Bob Martin very carefully during the speaking sessions.

- The industry will be

carefully presenting its actual contribution to the nation's export drive separating out the actual returns from the imported content. So far, indications are promising that the industry will reveal greatly enhanced figures. More important perhaps, it will demonstrate just how technology has improved in its exports ensuring long-term marketing and stability.

- How indirect exporters can participate in the Government's high priority export scheme. There has been much discussion over this in the past — and no clear guidelines have emerged as to how the film makers and rigid container makers, for example, can benefit from their vital contribution to exports.

This conference will probably see a much greater demand than before for a unified approach to market problems, and there seems to be considerable opportunity for obtaining group action on raw materials supply — surely the big problem right now.

Allied Chemical is an international company, offering a very wide technical advice service, free.

They have the very slim man here, to help.



The slender, pipe smoking gentleman from Allied is on hand, ready to help out with any problems you may have. Recognized as the "tall bottle" on Allied products he can put you right, on such diverse materials as Capron Nylon moulding compound, Halar, a melt processable Fluoro Polymer, A-C Polyethylene and Copolymers. Then there's Paxon, a high density Polyethylene that has shaped so many successful products. These materials have, of course, the well known Allied speed on delivery. Travelling about the country he is always ready to discuss technicalities (or simply to pass the time of day).

**Allied Chemical**  
(N.Z.) LTD.  
Telephone 77-913; P.O. Box 38-189; Auckland West.



## Wine moves to film bags

ACI Liquitainers, the Australian sister of the AHI Liquitainer operation has secured "substantial" wine cask orders from Wynn Winegrowers Pty Ltd, the largest producer of casked wines in Australia.

Analysis of recent wine sales in Australia show that wines packed in winecasks now account for 40 per cent of all table wines.

The ACI development, which will be used in New Zealand, produced a bag consisting of a free inner layer of film to contain the wine plus a new three-layer laminate which includes a metallised film. The bag significantly extends the shelf life of the wine.

## Closures open new growth

CLOSURES — the caps and seals on bottles — have now become one of the fastest growing areas of the plastics industry, and is being sustained in spite of the recent

consumer market downturn. AHI Closures, for example, one of the biggest manufacturers has staff working two shifts a day, six days a week to meet demand.

Since 1974, AHI Closures has supplied three million closures to one customer alone, Midways Taylor Ltd, a manufacturer and distributor for cosmetic houses. The biggest of these is Revlon. It distributes the Charlie brand which is now the market leader in New Zealand and Australia.

For AHI, the closures market has also drawn in valuable export revenue. Last year AHI Closure manager Jim Stewart visited Sydney and found that his company was price competitive.

The AHI breakthrough on closures is particularly significant for plastics processing just because it is so specialised. Cosmetic buyers are understandably primarily concerned with surface appearance and for a long time it was felt that New Zealand was uncompetitive in these high finish products. It was a problem that was compounded by lacquer procurement and application difficulties.

## NZ heads client stakes

THE Australian plastics industry last year exported 39,481 tonnes valued at \$21.6 million with New Zealand being its biggest single client.

New Zealand bought 14,770 tonnes valued at \$9.73 million. Following in the customer ranks were Indonesia at 6853 tonnes valued at \$2.87 million, the Philippines with 6455 tonnes at \$2.87 million, Malaysia with 3650 tonnes at \$1.41 million and Thailand with 3080 tonnes at \$1.30 million.

This means that New Zealand received in 1977-78 37 per cent of the tonnage and 45 per cent of the value.

This was down on the 1976-77 figure of 50 per cent of the total exports.

## Plastic use increases

PLASTICS consumption in Australia increased by an estimated 7.3 per cent last year. This gives Australia a per capita consumption of

almost 50 kilos per head of population.

The figures presented in the recent analysis by the Plastics Institute of Australia cover consumption of products from both locally produced and imported material.

## Auto firms hesitate

THERE still appears to be severe limitations on New Zealand plastics firms participating to any substantial degree in supplying motor vehicle manufacturers.

President of the Motor Vehicle Manufacturers Association, Denform McDonald, noted that the main scope was in style features such as grilles, bumpers, instrument panels — yet it was these features that were most likely to be changed regularly, perhaps every 12 months.

"There is a huge restraint on New Zealand manufacture because of the total volume being so small."

In spite of research on plastics for skin panning — such as doors — McDonald said that he had not detected

any overseas trend that pointed toward plastics.

McDonald also sounded an ominous note when he said that the auto industry world wide was worried about the "cost escalation" of plastics. "It is becoming much easier now to forecast steel prices," he said.

## Loaf wraps turn to bins

INDUSTRIAL accountant Ken Chandler of Hamilton has devised and manufactured a product that should appeal to housewives, and recyclers.

His conical shaped kitchen tidy is equipped to take the plastic bread loaf wraps that always end up in the rubbish bin.

But Chandler's invention will give bread wrappers a new usefulness as bread wrapper is over.

Specialised Plastics Ltd have injection moulded 15,000 of the "Loafa" tides and these are being distributed by bakeries north of Taupo.

The Loafas will be distributed along with the bread. Wherever bread will be bought — a Loafa can be purchased too.

The low cost bench top container for kitchen rubbish will retail for \$3.95.

The export market beckons as well. Chandler has sent a sample to the United States department store chain of J C

Penney and also to Australia.

Outlining how he came to develop the kitchen tidy, Chandler said he had been trying to find a way to make use of the loaf wrappers which, of course, are generally thrown away — though they are also used for sandwiches.

"The New Zealand plastics representatives are confident that the Loafa will do extremely well overseas," stresses Chandler.

## Plant recycles plastic scrap

JOHN Dickinson, managing director of the Dibro Manufacturing Co of Pukekohe, has perfected a total recycling technique to provide the materials for his company's production of Christmas decoration balls.

The balls are made from scraps supplied by Calvert Plastics of State Valley. The scraps are reground at Dibro, then injection-moulded into complete hemispheres at the factory.

From there, the balls in vacuum coated in Dibro's 152cm vacuum treatment plants, which are among the largest in Australia.

The two vacuum coating units have meant that Dibro can produce a wide range of toys and decorations that sparkle as if they were metal.

# Ocean ranch waits for salmon to struggle home

by John Draper

PROBLEM: If one million fingerlings are released into a South Island river how many salmon will return three years later?

No one knows. International chemical giant, ICI and Watties have formed a five-year joint venture to find out.

Nearly three years later they are none the wiser. But on their research and that by Takaka farmer Clive Barker and the Ministry of Agriculture and Fisheries, a future export industry.

They have released nearly one million fingerlings in the last three years to test the viability of salmon ranching.

Quinnat salmon, introduced into South Island waters from North America in 1901 have been coming back ever since.

Guided by a unique homing instinct which scientists linked to an acutely chemical sensitive nose.

But commercial tests so far have been disappointing.

Only two returning salmon from a release of 150,000 fingerlings by ICI-Watties into the Waitaki river in 1976 have been caught.

From a similar release at Takaka Barker has also only two returning fish.

No one is discouraged yet. The returning fish were two-year-olds while the main crop is not expected for another year.

And both groups are still struggling on the early climb up the learning curve.

The variable and

unpredictable nature of most east coast rivers is partly to blame. Their changing courses along braided beds switch from a placid trickle to a raging torrent as weather and hydro power needs dictate.

Young fish are bought from the Ministry of Agriculture and Fisheries hatchery at Silverstream on the Waimakariri River near Christchurch.

Because salmon are still classed as a naturalised game fish, allocations for commercial and sporting use are at present controlled by the South Island Acclimatisation Societies Council using delegated powers from the ministry.

Regulations were drafted two years ago giving the Fisheries Minister power to authorise the operation of hatcheries by commercial organisations.

A fully licensed industry in the usual kiwi style will be established by the regulations, which have yet to be passed by the executive council.

Acclimatisation societies are not objecting to salmon ranching except where trout streams might be affected.

But they are firmly opposed to pan-size salmon being raised as Barker has been doing at Bubbling Springs near Takaka for the last two years.

Pan-size salmon rearing is only one small leap away from trout farming, which the acclimatisation societies fervently oppose.

The full South Island council has now overruled its subcommittee, the South

Island Salmon Committee which originally gave Barker permission to raise pan-sized fish in ponds.

Council president Colin Macnab describes Barker's operation as "the thin end of the wedge".

"It is an extremely dangerous precedent. The early settlers who brought salmon and trout to New Zealand were determined not to introduce the restrictive practices in Britain where water rights and access are the preserve of the rich."

Pan-size salmon, raised in ponds are already being sold by Barker to the restaurant trade in Auckland and Nelson.

Fisheries Minister Duncan MacIntyre has invited Macnab to Wellington for talks in a bid to allow pan-size rearing to continue, if only for a few years to offset the cost of establishing the intended ocean ranching.

MacIntyre has long been a supporter of salmon farming but political pressure has almost stalled progress so far.

Acclimatisation societies

are rich with well connected National Party supporters who have little difficulty in making sure their message reaches the right ears.

In the interim ICI-Watties have been given approval by societies to catch their own spawning salmon this year, strip the eggs and raise them in a hatchery on the banks of the Clutha.

In the wild, a tiny percentage survive. In the hatcheries more than 90 per cent hatch and live to be released.

Salmon grow rapidly at sea turning from 15 centimetre tiddlers into 10 kilogram fish which return to their birth place to breed in two to five years.

The ocean ranchers are hoping for a minimum 4 per cent return and more optimistically for a 2 or 3 per cent harvest to make the project commercially viable.

ICI-Watties will be reviewing their agreement and the future prospects of salmon farming in another two years.

Neither company foresees the project becoming commercial for another five years yet.

New Zealand is one of the few countries suited geographically to salmon farming. Japan has already invested millions of dollars to test the waters of Chilean Tierra del Fuego.

In Norway, where one New Zealand marine biologist has private enterprise, salmon are reared in pens moored in the fjords.

Losses are less but the feeding costs are high and disease potentially more prevalent.

New Zealand's fjords have not been seriously considered though they could be turned into enormous fish ponds with booms across the entrance to keep salmon in and predators out.

Ocean ranching, saves enormous feeding bills and investment in specialised equipment, though the salmon are beyond control for several years. In New Zealand it also

has the advantage of being unopposed by the acclimatisation societies.

Marketing tests have already been carried out with wild salmon sent to the potential markets, Japan, North America and Europe.

Returns are promising. One Japanese supermarket has already approached both ICI-Watties and Barker trying to buy large quantities which neither can yet supply.

Salmon is a luxury product selling at up to \$15 a kilo overseas.

At home the potential is enormous. The hotel and restaurant trade is virtually untouched though salmon are being passed in at many a hotel back door for \$40 each.

American and European housewives buy 20 times as much salmon in cans or as paste or even in smoked form than their New Zealand cousins do.

A multi-million dollar industry is waiting for a few salmon to knock on the right door as they struggle back to their birthplace.

# LIFELINE!

In this breathtaking mountain rescue situation two lives depend on a thin wire cable. We also depend on cable in our day to day lives. Telephone cable is the vital link between us and emergency services such as Police, Fire and Ambulance. Telephone cable carries the bad news — and the good news.

Cable plays an important part too in our Radio and Television services, in manufacturing and the distribution of goods. It's reassuring to know that Austral Standard Cables is on the job; producing millions of Kilometres of totally reliable Cable and Wire each year. Our lives depend on it!



Austral Standard Cables Pty. Ltd

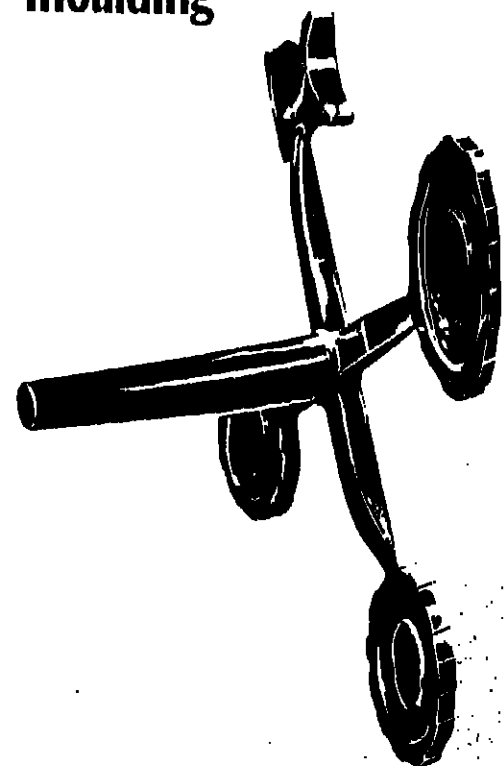


P.O. Box 16-062, Hornby, Christchurch. Telephone 497-109

"For better lines of communication"

# Bakelite

thermosets for injection, transfer and compression moulding



BAKELITE 45 — for injection moulding gives the following advantages: ☐ reduced cycle times; ☐ increased output from the same number of impressions; ☐ minimal finishing operations; ☐ excellent quality

IMMEDIATE SUPPLIES AVAILABLE EX STOCK, AUCKLAND, CHRISTCHURCH.

Manufactured by BAKELITE UK LIMITED Birmingham, England.

Sole agents for New Zealand JOSEPH NATHAN & CO LTD Branches: Main centres

## Shipping magnate undercuts cartel

BELGIAN shipping magnate Tivi Rosenfeld is offering to undercut conference freight rates to Europe by 10-15 per cent.

And his ABC container line service is in a strong position to challenge the cartel of shipping lines controlling the New Zealand European trade.

ABC has a 15-year, \$300 million contract to carry mineral sands from West Australia to the USA Gulf, providing the service with a guaranteed bulk cargo which pays 30 per cent of the operating costs for westabout round-the-world service.

ABC has four ships on the run. Two further ships will be delivered this year.

These ships were financed 70 per cent by the Belgian Government in a move to provide work for the Belgian shipbuilding industry.

The ships are specially designed to combine bulk cargoes and containers. They carry bulk mineral sands and containers, go to New Zealand for more containers, then to the USA Gulf to pick up mineral sands and from there to Europe.

Rosenfeld has plans on the drawing board for two further ships due into service in 1982. The ships, to be financed by a long-term 1 per cent loan from the Belgian Government, will be 45,000 tonnes and have capacity for containers, both bulk and dry cargo, plus bulk cargo to facilitate roll-on-roll-off.

The first ship is due in New Zealand in August. It needs 200 containers a voyage to make New Zealand leg economic.

Salings will be every three weeks. Each ship can carry 800 containers.

The ships have a limited capacity for refrigerated containers.

The ABC service has been operating in Australia since late last year. There, they pulled off an unprecedented coup securing 1200 container-loads of wool from the Australian Wool Corporation — thus breaking the conference's long standing hold on the wool trade.

Australian wool exporters got a 23 per cent reduction in their freight rates from ABC, Rosenfeld said.

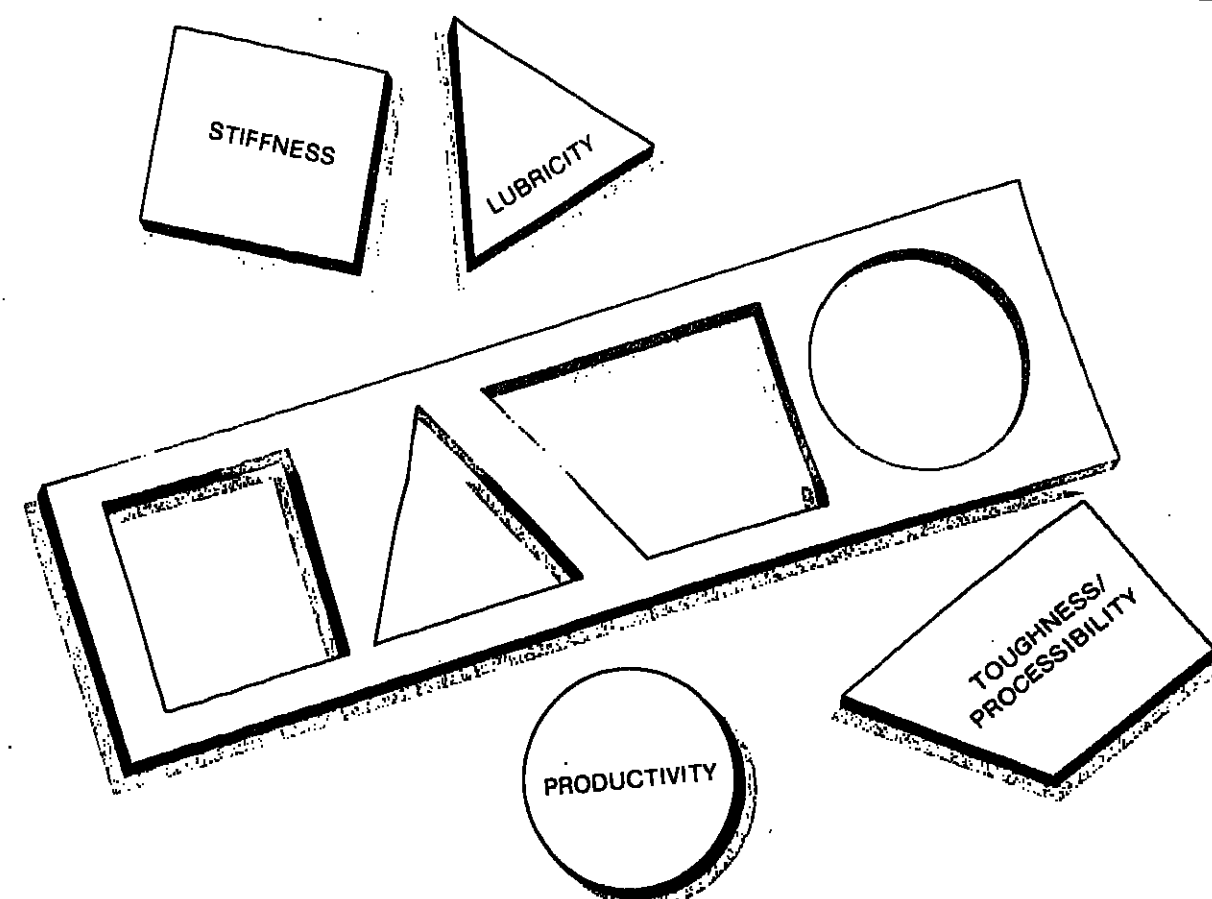
New Zealand wool exporters have been prohibited from going outside the conference on the USA or European trades by the New Zealand Wool Board when non-conference lines offered freight reductions in the past.

The Dairy Board should be an easier nut to crack. The Dairy Board, unlike the Wool and Meat Boards, shops around for the best freight rates going and is not averse to shipping dry cargoes non-conference when the rates are right.

ABC has been operating in Australia for less than a year, and Rosenfeld estimated that his line had only 5 per cent of the trade.

But the net effect of ABC's non-conference competition had been a reduction in freight rates to and from Australia of 20 per cent.

This sort of talk found receptive ears among the manufacturing exporters, many of whom are finding their goods priced out of world markets by the high freight rates charged by the cartel.



## "Delrin" lets you match the resin to the job

Each year product requirements seem to be more demanding than the year before. That's why "Delrin" acetal homopolymer resin is your best choice when your application suggests an acetal. With "Delrin" you get a range of standard and special-purpose compositions that let you closely match the acetal to the design requirements. For example:

### IF YOUR APPLICATION NEEDS...

**Lubricity** There's "Delrin" 500 — a general-purpose acetal with a level of lubricity that's satisfactory for many applications. For the ultimate in low wear, low friction performance, choose premium "Delrin" AF. For excellent lubricity at more moderate cost specify "Delrin" 500 CL.

**Toughness/Processability** The toughest acetal — without exception — is "Delrin" 100. For outstanding processability, molders find that "Delrin" 900 fills multicavity molds and complex parts with ease.

**Stiffness** Glass-filled "Delrin" 570 offers exceptional stiffness, but all standard compositions of "Delrin" have good stiffness.

**Productivity** In "Delrin" 8010 and 8020, you have two high-performance acetal resins with outstanding fast cycling characteristics.

This wide line of "Delrin" compositions, backed by the technical expertise of the DuPont Company, offers you the right composition for the right job. And this adds up to maximum profitability. Why not let your local distributor of DuPont Engineering Plastics help you make the right choice? Today!



PLASTICS DEPARTMENT

NEILL, CROPPER & CO. LTD

P.O. Box 9 Auckland Phone 31-049

P.O. Box 10036 Wellington Phone 724-824

P.O. Box 4275 Christchurch Phone 67-547



© Du Pont Trademark